

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										09/28/2025		
Generator Data																																		
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00									
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT									
59TH STREET_GT_1		35.96	31.74	28.24	27.93	27.51	28.61	30.52	30.58	29.79	31.06	31.40	33.46	36.12	38.32	40.06	45.58	50.68	62.62	67.99	67.58	53.14	48.31	42.16	37.51									
24138		1.94	1.60	1.42	1.46	1.38	1.41	1.34	1.48	1.47	1.70	1.89	2.00	2.28	2.44	2.38	2.53	2.31	2.46	2.73	2.54	1.60	1.59	1.68	1.51									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.18	-0.14	0.00	0.00	0.00	-0.54	-0.17									
74TH STREET_GT_1		35.96	31.77	28.24	27.96	27.54	28.61	30.52	30.58	29.79	31.06	31.40	33.46	36.12	38.32	40.06	45.53	50.63	62.56	67.93	67.51	53.14	48.27	42.16	37.51									
24260		1.94	1.63	1.42	1.48	1.41	1.41	1.34	1.48	1.47	1.70	1.89	2.00	2.28	2.44	2.38	2.48	2.26	2.40	2.67	2.47	1.60	1.54	1.68	1.51									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.18	-0.14	0.00	0.00	0.00	-0.54	-0.17									
74TH STREET_GT_2		35.96	31.77	28.24	27.96	27.54	28.61	30.52	30.58	29.79	31.06	31.40	33.46	36.12	38.32	40.06	45.53	50.63	62.56	67.93	67.51	53.14	48.27	42.16	37.51									
24261		1.94	1.63	1.42	1.48	1.41	1.41	1.34	1.48	1.47	1.70	1.89	2.00	2.28	2.44	2.38	2.48	2.26	2.40	2.67	2.47	1.60	1.54	1.68	1.51									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.18	-0.14	0.00	0.00	0.00	-0.54	-0.17									
ADK HUDSON___FALLS		35.18	31.29	27.78	27.56	27.17	28.23	30.29	30.12	29.05	29.91	29.95	31.62	33.59	35.28	37.19	42.21	47.21	61.93	67.99	68.10	53.76	48.55	40.92	36.81									
24011		1.16	1.12	0.97	1.09	1.05	1.03	1.11	1.02	0.74	0.56	0.44	0.44	0.44	0.32	0.56	0.88	1.22	2.10	3.00	3.06	2.22	1.82	1.44	1.11									
		0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.32	0.42	0.48	0.79	1.10	0.15	0.12	0.00	0.00	0.00	0.46	0.14									
ADK RESOURCE___RCVRY		35.22	31.34	27.83	27.61	27.23	28.28	30.35	30.20	29.11	29.94	29.95	31.65	33.63	35.28	37.19	42.31	47.37	62.23	68.38	68.48	54.01	48.78	41.12	36.96									
23798		1.19	1.17	1.02	1.14	1.10	1.09	1.17	1.11	0.79	0.59	0.44	0.47	0.47	0.32	0.56	0.97	1.37	2.40	3.38	3.44	2.47	2.05	1.64	1.25									
		0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.31	0.42	0.48	0.78	1.08	0.15	0.12	0.00	0.00	0.00	0.45	0.14									
ADK S GLENS___FALLS		35.18	31.29	27.78	27.56	27.17	28.23	30.29	30.12	29.05	29.91	29.95	31.62	33.59	35.28	37.19	42.21	47.21	61.93	67.99	68.10	53.76	48.55	40.92	36.81									
24028		1.16	1.12	0.97	1.09	1.05	1.03	1.11	1.02	0.74	0.56	0.44	0.44	0.44	0.32	0.56	0.88	1.22	2.10	3.00	3.06	2.22	1.82	1.44	1.11									
		0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.32	0.42	0.48	0.79	1.10	0.15	0.12	0.00	0.00	0.00	0.46	0.14									
ADK_NYS___DAM		35.62	31.58	27.97	27.93	27.38	28.58	30.58	30.32	29.45	30.53	30.60	32.14	33.79	35.55	37.23	41.72	45.94	61.42	66.84	67.18	53.14	47.89	39.96	36.47									
23527		1.60	1.39	1.15	1.46	1.25	1.39	1.40	1.22	1.13	1.18	1.09	1.13	1.07	1.17	1.26	1.47	1.46	1.80	2.02	2.14	1.60	1.17	1.12	0.97									
		0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.75	1.00	1.15	1.88	2.60	0.36	0.29	0.00	0.00	0.00	1.09	0.34									
AIR_PRODUCTS___DRP		33.89	29.96	26.79	26.58	26.16	27.22	29.09	28.95	28.09	29.12	29.27	30.97	32.97	34.72	36.35	41.12	45.66	59.09	64.31	64.26	50.82	45.98	39.08	35.20									
24190		-0.14	-0.15	-0.03	0.11	0.03	0.03	-0.09	-0.15	-0.23	-0.23	-0.24	-0.25	-0.27	-0.35	-0.41	-0.42	-0.61	-0.78	-0.72	-0.78	-0.72	-0.75	-0.52	-0.54									
		0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.23	0.31	0.36	0.58	0.81	0.11	0.09	0.00	0.00	0.00	0.34	0.10									
AKWESSNE_115KV_BK		34.09	30.20	26.87	26.45	26.10	27.19	29.24	29.16	28.51	29.53	29.72	31.50	33.54	35.49	37.19	42.24	47.32	60.58	65.70	65.49	52.00	47.29	39.72	35.70									
355683		0.07	0.06	0.05	-0.03	-0.03	0.00	0.06	0.06	0.20	0.18	0.21	0.19	0.07	0.11	0.07	0.13	0.24	0.60	0.59	0.46	0.46	0.56	0.44	0.32									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.47									
ALBANY_1_SOLAR		34.09	30.18	26.90	26.69	26.26	27.30	29.24	29.01	27.98	28.83	28.89	30.65	32.72	34.55	36.25	41.20	46.00	59.55	64.99	64.91	51.33	46.40	39.64	35.56									
323833		0.07	0.06	0.08	0.21	0.13	0.11	0.06	-0.09	-0.34	-0.53	-0.62	-0.60	-0.60	-0.64	-0.63	-0.55	-0.56	-0.36	-0.07	-0.13	-0.21	-0.32	-0.08	-0.21									
		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.15	0.20	0.23	0.37	0.52	0.07	0.06	0.00	0.00	0.00	0.22	0.07									
ALBANY_2_SOLAR		34.09	30.15	26.90	26.66	26.26	27.30	29.21	28.98	27.98	28.83	28.89	30.65	32.72	34.51	36.25	41.20	46.00	59.55	64.99	64.84	51.28	46.40	39.60	35.56									
323834		0.07	0.03	0.08	0.19	0.13	0.11	0.03	-0.12	-0.34	-0.53	-0.62	-0.60	-0.60	-0.67	-0.63	-0.55	-0.56	-0.36	-0.07	-0.19	-0.26	-0.32	-0.12	-0.21									
		0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.15	0.20	0.23	0.37	0.52	0.07	0.06	0.00	0.00	0.00	0.22	0.07									
ALBANY___1		33.89	29.96	26.79	26.58	26.16	27.22	29.09	28.95	28.09	29.12	29.27	30.97	32.97	34.72	36.35	41.12	45.66	59.09	64.31	64.26	50.82	45.98	39.08	35.20									
23571		-0.14	-0.15	-0.03	0.11	0.03	0.03	-0.09	-0.15	-0.23	-0.23	-0.24	-0.25	-0.27	-0.35	-0.41	-0.42	-0.61	-0.78	-0.72	-0.78	-0.72	-0.75	-0.52	-0.54									
		0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.23	0.31	0.36	0.58	0.81	0.11	0.09	0.00	0.00	0.00	0.34	0.10									

ALBANY___2 23572	33.89 -0.14 0.00	29.96 -0.15 0.03	26.79 -0.03 0.00	26.58 0.11 0.00	26.16 0.03 0.00	27.22 0.03 0.00	29.09 -0.09 0.00	28.95 -0.15 0.00	28.09 -0.23 0.00	29.12 -0.23 0.00	29.27 -0.24 0.00	30.97 -0.25 0.09	32.97 -0.27 0.23	34.72 -0.35 0.31	36.35 -0.41 0.36	41.12 -0.42 0.58	45.66 -0.61 0.81	59.09 -0.78 0.11	64.31 -0.72 0.09	64.26 -0.78 0.00	50.82 -0.72 0.00	45.98 -0.75 0.00	39.08 -0.52 0.34	35.20 -0.54 0.10
ALBANY___3 23573	33.89 -0.14 0.00	29.96 -0.15 0.03	26.79 -0.03 0.00	26.58 0.11 0.00	26.16 0.03 0.00	27.22 0.03 0.00	29.09 -0.09 0.00	28.95 -0.15 0.00	28.09 -0.23 0.00	29.12 -0.23 0.00	29.27 -0.24 0.00	30.97 -0.25 0.09	32.97 -0.27 0.23	34.72 -0.35 0.31	36.35 -0.41 0.36	41.12 -0.42 0.58	45.66 -0.61 0.81	59.09 -0.78 0.11	64.31 -0.72 0.09	64.26 -0.78 0.00	50.82 -0.72 0.00	45.98 -0.75 0.00	39.08 -0.52 0.34	35.20 -0.54 0.10
ALBANY___4 23574	33.89 -0.14 0.00	29.96 -0.15 0.03	26.79 -0.03 0.00	26.58 0.11 0.00	26.16 0.03 0.00	27.22 0.03 0.00	29.09 -0.09 0.00	28.95 -0.15 0.00	28.09 -0.23 0.00	29.12 -0.23 0.00	29.27 -0.24 0.00	30.97 -0.25 0.09	32.97 -0.27 0.23	34.72 -0.35 0.31	36.35 -0.41 0.36	41.12 -0.42 0.58	45.66 -0.61 0.81	59.09 -0.78 0.11	64.31 -0.72 0.09	64.26 -0.78 0.00	50.82 -0.72 0.00	45.98 -0.75 0.00	39.08 -0.52 0.34	35.20 -0.54 0.10
ALBANY___LFGE 323615	34.23 0.21 0.00	30.26 0.15 0.03	27.03 0.21 0.00	26.85 0.37 0.00	26.42 0.29 0.00	27.47 0.27 0.00	29.38 0.21 0.00	29.21 0.12 0.00	28.34 0.03 0.00	29.36 0.00 0.00	29.51 0.00 0.10	31.21 0.00 0.00	33.25 0.03 0.26	35.00 -0.04 0.35	36.68 -0.04 0.40	41.51 0.04 0.65	46.09 -0.09 0.90	59.74 -0.12 0.12	65.01 0.00 0.10	65.04 0.00 0.00	51.44 -0.10 0.00	46.49 -0.23 0.00	39.48 -0.08 0.38	35.58 -0.14 0.12
ALCOA_PA_115KV_PL-6C 55860	34.23 0.20 0.00	30.32 0.18 0.00	27.00 0.19 0.00	26.53 0.05 0.00	26.18 0.05 0.00	27.30 0.11 0.00	29.38 0.20 0.00	29.30 0.20 0.00	28.63 0.31 0.00	29.62 0.26 0.00	29.83 0.32 0.00	31.62 0.31 0.00	33.57 0.10 0.00	35.56 0.18 0.00	37.26 0.15 0.00	42.33 0.21 0.00	47.46 0.38 0.00	60.82 0.84 0.00	66.03 0.91 0.00	65.82 0.78 0.00	52.26 0.72 0.00	47.57 0.84 0.00	46.94 0.72 -6.28	40.86 0.57 -4.45
ALCOA_RYNLDS___DRP 24188	34.23 0.20 0.00	30.32 0.18 0.00	27.00 0.19 0.00	26.53 0.05 0.00	26.18 0.05 0.00	27.30 0.11 0.00	29.38 0.20 0.00	29.30 0.20 0.00	28.63 0.31 0.00	29.62 0.26 0.00	29.83 0.32 0.00	31.62 0.31 0.00	33.57 0.10 0.00	35.56 0.18 0.00	37.26 0.15 0.00	42.33 0.21 0.00	47.46 0.38 0.00	60.82 0.84 0.00	66.03 0.91 0.00	65.82 0.78 0.00	52.26 0.72 0.00	47.57 0.84 0.00	46.94 0.72 -6.28	40.86 0.57 -4.45
ALCOA___DSASP 323711	34.23 0.21 0.00	30.32 0.18 0.00	27.00 0.19 0.00	26.53 0.05 0.00	26.18 0.05 0.00	27.30 0.11 0.00	29.38 0.21 0.00	29.30 0.21 0.00	28.63 0.31 0.00	29.62 0.26 0.00	29.83 0.33 0.00	31.62 0.31 0.00	33.57 0.10 0.00	35.56 0.18 0.00	37.26 0.15 0.00	42.33 0.21 0.00	47.46 0.37 0.00	60.82 0.84 0.00	66.03 0.91 0.00	65.82 0.78 0.00	52.26 0.72 0.00	47.57 0.84 0.00	46.94 0.72 -6.28	40.86 0.57 -4.45
ALLEGHENY___COGEN 23514	35.45 1.43 0.00	31.84 1.32 -0.37	28.10 1.18 -0.10	27.41 0.93 -0.01	27.33 1.15 -0.05	28.55 1.22 -0.13	31.20 1.63 -0.39	31.23 1.75 -0.39	29.70 1.16 -0.22	30.51 0.91 -0.24	30.33 0.83 0.00	32.15 0.72 -0.12	35.22 0.97 -0.77	37.33 1.03 -0.92	39.51 1.33 -1.07	44.89 1.35 -1.42	51.06 2.07 -1.91	65.64 2.76 -2.90	72.27 3.84 -3.31	72.57 4.10 -3.43	57.15 3.35 -2.26	51.54 2.95 -1.86	43.49 2.20 -1.36	39.42 2.55 -1.04
ALTAMONT_115KV_TB 2 55880	34.40 0.37 0.00	30.43 0.30 0.02	27.11 0.29 0.00	26.87 0.40 0.00	26.47 0.34 0.00	27.55 0.35 0.00	29.47 0.29 0.00	29.33 0.23 0.00	28.46 0.14 0.00	29.50 0.15 0.00	29.66 0.15 0.06	31.41 0.16 0.00	33.53 0.20 0.14	35.36 0.18 0.19	37.08 0.19 0.22	41.97 0.21 0.36	46.67 0.09 0.50	60.03 0.12 0.07	65.25 0.20 0.06	65.23 0.20 0.00	51.64 0.10 0.00	46.73 0.00 0.00	39.85 0.12 0.21	35.85 0.07 0.06
ALTONA_WT_PWR 323606	34.60 0.58 0.00	30.47 0.33 0.00	27.00 0.19 0.00	26.34 -0.13 0.00	25.84 -0.29 0.00	26.84 -0.35 0.00	28.83 -0.35 0.00	28.81 -0.29 0.00	28.37 0.06 0.00	29.39 0.03 0.00	29.54 0.03 0.00	31.25 -0.06 0.00	32.97 0.33 0.00	34.85 -0.53 0.00	36.48 -0.63 0.00	41.57 -0.55 0.00	47.13 0.05 0.00	61.42 1.44 0.00	67.00 1.89 0.00	66.80 1.76 0.00	53.08 1.54 0.00	48.50 1.78 0.00	41.87 1.60 -0.33	37.58 1.51 -0.23
AMERICAN_REF_FUEL 24010	33.75 -0.27 0.00	30.11 -0.36 -0.33	26.72 -0.19 -0.09	25.96 -0.53 -0.01	25.99 -0.18 -0.04	27.15 -0.16 -0.12	29.70 0.18 -0.35	29.76 0.32 -0.35	28.66 0.14 -0.20	29.75 0.18 -0.22	29.86 0.36 0.00	31.51 0.09 -0.11	34.50 0.33 -0.69	36.42 0.21 -0.83	38.52 0.45 -0.96	43.14 -0.25 -1.28	47.99 -0.80 -1.71	59.94 -2.64 -2.60	65.03 -3.06 -2.97	64.81 -3.31 -3.08	51.67 -1.91 -2.03	47.28 -1.12 -1.67	40.24 -0.92 -1.22	37.27 0.50 -0.93
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.96 -0.07 0.00	30.66 0.18 -0.34	27.07 0.16 -0.09	26.35 -0.13 -0.01	26.38 0.21 -0.04	27.61 0.30 -0.12	30.29 0.76 -0.36	30.47 1.02 -0.35	29.43 0.91 -0.20	30.72 1.14 -0.22	30.87 1.36 0.00	32.73 1.31 -0.11	35.86 1.67 -0.71	37.86 1.63 -0.85	40.03 1.93 -0.98	44.94 1.51 -1.31	50.30 1.46 -1.76	63.31 0.66 -2.67	69.01 0.84 -3.05	68.79 0.58 -3.16	54.66 1.03 -2.09	49.33 0.89 -1.72	41.95 0.76 -1.25	38.59 1.79 -0.96
ARTHUR KILL_GT_1 23520	36.27 2.25 0.00	32.07 1.93 0.00	28.53 1.72 0.00	28.22 1.75 0.00	27.83 1.70 0.00	28.88 1.69 0.00	30.69 1.52 0.00	30.67 1.57 0.00	29.79 1.47 0.00	31.12 1.76 0.00	31.49 1.98 0.00	33.62 2.16 -0.15	36.32 2.48 -0.37	38.53 2.65 -0.50	39.87 2.19 -0.57	42.31 1.64 1.45	42.22 1.37 6.23	43.65 0.90 17.23	50.97 1.04 15.19	51.98 0.85 13.91	43.24 0.31 8.61	41.77 0.61 5.56	40.87 0.92 -0.01	37.66 1.65 -0.17
ARTHUR_KILL_2 23512	36.18 2.14 -0.01	31.99 1.84 -0.01	28.46 1.64 -0.01	28.18 1.70 -0.01	27.76 1.62 -0.01	28.80 1.60 0.00	30.61 1.43 0.00	30.58 1.48 0.00	29.70 1.39 0.00	31.03 1.67 0.00	31.37 1.86 0.00	33.49 2.03 -0.15	36.19 2.34 -0.37	38.39 2.51 -0.50	39.72 2.04 -0.57	42.14 1.47 1.45	42.03 1.18 6.23	43.40 0.66 17.24	50.64 0.72 15.20	51.64 0.52 13.92	42.98 0.05 8.61	41.63 0.47 5.56	40.71 0.76 -0.01	37.55 1.54 -0.17
ARTHUR_KILL_3 23513	35.62 1.60 0.00	31.44 1.30 0.00	27.94 1.13 0.00	27.67 1.19 0.00	27.25 1.12 0.00	28.31 1.12 0.00	30.20 1.02 0.00	30.23 1.13 0.00	29.48 1.16 0.00	30.74 1.38 0.00	31.04 1.53 0.00	33.11 1.66 -0.15	35.72 1.87 -0.37	37.93 2.05 -0.50	39.65 1.97 -0.57	42.64 1.98 1.46	42.45 1.60 6.24	44.29 1.56 17.25	51.60 1.69 15.20	52.61 1.50 13.93	43.74 0.82 8.62	42.14 0.98 5.57	41.14 1.20 0.00	37.07 1.07 -0.16

ARTHUR_KILL_COGEN 323718	36.28 2.25 -0.01	32.08 1.93 -0.01	28.54 1.72 -0.01	28.26 1.77 -0.01	27.84 1.70 -0.01	28.88 1.69 0.00	30.69 1.52 0.00	30.67 1.57 0.00	29.79 1.47 0.00	31.12 1.76 0.00	31.46 1.95 0.00	33.61 2.16 -0.15	36.29 2.44 -0.37	38.53 2.65 -0.50	39.87 2.19 -0.57	42.31 1.64 1.45	42.22 1.37 6.23	43.64 0.90 17.24	50.90 0.98 15.20	51.90 0.78 13.92	43.18 0.26 8.61	41.77 0.61 5.56	40.87 0.92 -0.01	37.66 1.65 -0.17
ASHOKAN____ 23654	35.62 1.60 0.00	31.45 1.32 0.02	27.97 1.15 0.00	27.67 1.19 0.00	27.28 1.15 0.00	28.28 1.09 0.00	30.23 1.05 0.00	29.88 0.79 0.00	28.97 0.65 0.00	30.03 0.68 0.00	30.13 0.62 0.00	32.97 1.66 0.00	35.41 1.94 0.00	37.54 2.16 0.00	39.34 2.23 0.00	45.02 2.90 0.00	50.57 3.48 0.00	64.72 4.74 0.00	70.58 5.47 0.00	68.55 3.51 0.00	53.70 2.16 0.00	48.46 1.73 0.00	42.53 2.59 0.00	37.88 2.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.70 -0.01	27.76 1.62 -0.01	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.38 1.86 -0.01	33.47 2.01 -0.16	36.13 2.28 -0.38	38.32 2.44 -0.50	40.03 2.34 -0.58	45.33 2.27 -0.94	50.21 1.83 -1.30	61.96 1.80 -0.19	67.22 1.95 -0.15	66.74 1.69 -0.01	52.52 0.98 -0.01	48.13 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_EAST_ENERGY_CC2 323582	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.70 -0.01	27.76 1.62 -0.01	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.38 1.86 -0.01	33.47 2.01 -0.16	36.13 2.28 -0.38	38.32 2.44 -0.50	40.03 2.34 -0.58	45.33 2.27 -0.94	50.21 1.83 -1.30	61.96 1.80 -0.19	67.22 1.95 -0.15	66.74 1.69 -0.01	52.52 0.98 -0.01	48.13 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT2_1 24094	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT2_2 24095	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT2_3 24096	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT2_4 24097	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT3_1 24098	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT3_2 24099	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT3_3 24100	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT3_4 24101	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT4_1 24102	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT4_2 24103	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT4_3 24104	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17

ASTORIA_GT4_4 24105	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.69 -0.01	27.75 1.62 0.00	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.41 1.89 -0.01	33.47 2.00 -0.16	36.13 2.28 -0.38	38.33 2.44 -0.50	40.03 2.34 -0.58	45.32 2.27 -0.93	50.21 1.84 -1.30	61.96 1.80 -0.19	67.28 2.02 -0.14	66.79 1.76 0.00	52.58 1.03 -0.01	48.14 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA_GT_1 23523	36.28 2.25 -0.01	32.05 1.90 -0.01	28.54 1.72 -0.01	28.23 1.75 -0.01	27.80 1.67 0.00	28.81 1.60 -0.01	30.64 1.46 -0.01	30.62 1.51 -0.01	29.80 1.47 -0.01	31.10 1.73 -0.01	31.46 1.95 -0.01	33.56 2.10 -0.16	36.20 2.34 -0.38	38.43 2.55 -0.50	40.11 2.41 -0.58	45.45 2.40 -0.93	50.31 1.93 -1.30	62.08 1.92 -0.19	67.41 2.15 -0.14	66.99 1.95 0.00	52.68 1.13 -0.01	48.23 1.50 -0.01	42.33 1.84 -0.55	37.84 1.83 -0.17
ASTORIA_GT_10 24110	35.90 1.87 0.00	31.71 1.57 0.00	28.21 1.39 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.62 1.30 0.00	30.91 1.56 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.95 2.11 -0.37	38.14 2.26 -0.50	39.80 2.12 -0.57	45.11 2.06 -0.93	50.06 1.69 -1.29	61.72 1.56 -0.18	67.02 1.76 -0.14	66.60 1.56 0.00	52.41 0.88 0.01	47.85 1.12 0.00	41.88 1.40 -0.54	37.41 1.40 -0.17
ASTORIA_GT_11 24225	35.90 1.87 0.00	31.71 1.57 0.00	28.21 1.39 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.62 1.30 0.00	30.91 1.56 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.95 2.11 -0.37	38.14 2.26 -0.50	39.80 2.12 -0.57	45.11 2.06 -0.93	50.06 1.69 -1.29	61.72 1.56 -0.18	67.02 1.76 -0.14	66.60 1.56 0.00	52.41 0.88 0.01	47.85 1.12 0.00	41.88 1.40 -0.54	37.41 1.40 -0.17
ASTORIA_GT_12 24226	35.90 1.87 0.00	31.71 1.57 0.00	28.21 1.39 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.62 1.30 0.00	30.91 1.56 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.95 2.11 -0.37	38.14 2.26 -0.50	39.80 2.12 -0.57	45.11 2.06 -0.93	50.06 1.69 -1.29	61.72 1.56 -0.18	67.02 1.76 -0.14	66.60 1.56 0.00	52.41 0.88 0.01	47.85 1.12 0.00	41.88 1.40 -0.54	37.41 1.40 -0.17
ASTORIA_GT_13 24227	35.90 1.87 0.00	31.71 1.57 0.00	28.21 1.39 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.62 1.30 0.00	30.91 1.56 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.95 2.11 -0.37	38.14 2.26 -0.50	39.80 2.12 -0.57	45.11 2.06 -0.93	50.06 1.69 -1.29	61.72 1.56 -0.18	67.02 1.76 -0.14	66.60 1.56 0.00	52.41 0.88 0.01	47.85 1.12 0.00	41.88 1.40 -0.54	37.41 1.40 -0.17
ASTORIA_GT_5 24106	36.28 2.25 -0.01	32.05 1.90 -0.01	28.54 1.72 -0.01	28.23 1.75 -0.01	27.80 1.67 0.00	28.81 1.60 -0.01	30.64 1.46 -0.01	30.62 1.51 -0.01	29.80 1.47 -0.01	31.10 1.73 -0.01	31.46 1.95 -0.01	33.56 2.10 -0.16	36.20 2.34 -0.38	38.43 2.55 -0.50	40.11 2.41 -0.58	45.45 2.40 -0.93	50.31 1.93 -1.30	62.08 1.92 -0.19	67.41 2.15 -0.14	66.99 1.95 0.00	52.68 1.13 -0.01	48.23 1.50 -0.01	42.33 1.84 -0.55	37.84 1.83 -0.17
ASTORIA_GT_7 24107	36.28 2.25 -0.01	32.05 1.90 -0.01	28.54 1.72 -0.01	28.23 1.75 -0.01	27.80 1.67 0.00	28.81 1.60 -0.01	30.64 1.46 -0.01	30.62 1.51 -0.01	29.80 1.47 -0.01	31.10 1.73 -0.01	31.46 1.95 -0.01	33.56 2.10 -0.16	36.20 2.34 -0.38	38.43 2.55 -0.50	40.11 2.41 -0.58	45.45 2.40 -0.93	50.31 1.93 -1.30	62.08 1.92 -0.19	67.41 2.15 -0.14	66.99 1.95 0.00	52.68 1.13 -0.01	48.23 1.50 -0.01	42.33 1.84 -0.55	37.84 1.83 -0.17
ASTORIA_GT_8 24108	36.28 2.25 -0.01	32.05 1.90 -0.01	28.54 1.72 -0.01	28.23 1.75 -0.01	27.80 1.67 0.00	28.81 1.60 -0.01	30.64 1.46 -0.01	30.62 1.51 -0.01	29.80 1.47 -0.01	31.10 1.73 -0.01	31.46 1.95 -0.01	33.56 2.10 -0.16	36.20 2.34 -0.38	38.43 2.55 -0.50	40.11 2.41 -0.58	45.45 2.40 -0.93	50.31 1.93 -1.30	62.08 1.92 -0.19	67.41 2.15 -0.14	66.99 1.95 0.00	52.68 1.13 -0.01	48.23 1.50 -0.01	42.33 1.84 -0.55	37.84 1.83 -0.17
ASTORIA___2 24149	36.21 2.18 -0.01	31.99 1.84 -0.01	28.49 1.66 -0.01	28.18 1.70 -0.01	27.76 1.62 -0.01	28.75 1.55 -0.01	30.59 1.40 -0.01	30.59 1.48 -0.01	29.74 1.42 -0.01	31.04 1.67 -0.01	31.38 1.86 -0.01	33.47 2.01 -0.16	36.13 2.28 -0.38	38.32 2.44 -0.50	40.03 2.34 -0.58	45.33 2.27 -0.94	50.21 1.83 -1.30	61.96 1.80 -0.19	67.22 1.95 -0.15	66.74 1.69 -0.01	52.52 0.98 -0.01	48.13 1.40 -0.01	42.21 1.72 -0.55	37.74 1.72 -0.17
ASTORIA___3 23516	35.90 1.87 0.00	31.71 1.57 0.00	28.21 1.39 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.62 1.30 0.00	30.91 1.55 0.00	31.22 1.71 0.00	33.33 1.88 -0.15	35.92 2.08 -0.37	38.14 2.27 -0.50	39.80 2.11 -0.57	45.11 2.06 -0.93	50.06 1.69 -1.29	61.71 1.56 -0.18	67.02 1.76 -0.14	66.54 1.50 0.00	52.35 0.82 0.01	47.85 1.12 0.00	41.88 1.40 -0.54	37.40 1.40 -0.17
ASTORIA___4 23517	35.90 1.87 0.00	31.71 1.57 0.00	28.21 1.39 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.62 1.30 0.00	30.91 1.56 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.95 2.11 -0.37	38.14 2.26 -0.50	39.80 2.12 -0.57	45.11 2.06 -0.93	50.06 1.69 -1.29	61.72 1.56 -0.18	67.02 1.76 -0.14	66.60 1.56 0.00	52.41 0.88 0.01	47.85 1.12 0.00	41.88 1.40 -0.54	37.41 1.40 -0.17
ASTORIA___5 23518	35.90 1.87 0.00	31.71 1.57 0.00	28.21 1.39 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.62 1.30 0.00	30.91 1.55 0.00	31.22 1.71 0.00	33.33 1.88 -0.15	35.92 2.08 -0.37	38.14 2.27 -0.50	39.80 2.11 -0.57	45.11 2.06 -0.93	50.06 1.69 -1.29	61.71 1.56 -0.18	67.02 1.76 -0.14	66.54 1.50 0.00	52.35 0.82 0.01	47.85 1.12 0.00	41.88 1.40 -0.54	37.40 1.40 -0.17
AST_ENERGY_2_CC3 323677	23.78 1.84 12.08	23.78 1.54 7.90	23.78 1.37 4.40	23.78 1.43 4.12	23.78 1.36 3.71	23.78 1.28 4.69	23.78 1.11 6.51	23.78 1.17 6.48	23.78 1.10 5.64	23.78 1.38 6.96	25.81 1.53 5.23	25.81 1.69 7.19	25.81 1.91 9.57	25.81 2.09 11.66	25.81 1.93 13.23	25.81 1.85 18.16	25.81 1.32 22.59	40.60 1.14 20.51	45.91 1.23 20.44	49.56 1.04 16.52	35.25 0.46 16.75	25.81 0.89 21.80	25.81 1.32 15.44	25.81 1.36 11.39
AST_ENERGY_2_CC4 323678	23.78 1.84 12.08	23.78 1.54 7.90	23.78 1.37 4.40	23.78 1.43 4.12	23.78 1.36 3.71	23.78 1.28 4.69	23.78 1.11 6.51	23.78 1.17 6.48	23.78 1.10 5.64	23.78 1.38 6.96	25.81 1.53 5.23	25.81 1.69 7.19	25.81 1.91 9.57	25.81 2.09 11.66	25.81 1.93 13.23	25.81 1.85 18.16	25.81 1.32 22.59	40.60 1.14 20.51	45.91 1.23 20.44	49.56 1.04 16.52	35.25 0.46 16.75	25.81 0.89 21.80	25.81 1.32 15.44	25.81 1.36 11.39

ATHENS_STG_1 23668	34.74 0.72 0.00	30.71 0.57 0.00	27.35 0.54 0.00	27.11 0.63 0.00	26.70 0.57 0.00	27.77 0.57 0.00	29.67 0.50 0.00	29.59 0.49 0.00	28.74 0.43 0.00	29.85 0.50 0.00	30.01 0.50 0.00	31.94 0.56 -0.07	34.27 0.63 -0.17	36.31 0.71 -0.22	38.04 0.67 -0.25	43.25 0.72 -0.41	48.17 0.52 -0.57	60.48 0.42 -0.08	65.70 0.52 -0.06	65.50 0.46 0.00	51.75 0.21 0.00	46.91 0.19 0.00	40.54 0.36 -0.24	36.20 0.29 -0.07
ATHENS_STG_2 23670	34.74 0.72 0.00	30.71 0.57 0.00	27.35 0.54 0.00	27.11 0.63 0.00	26.70 0.57 0.00	27.77 0.57 0.00	29.67 0.50 0.00	29.59 0.49 0.00	28.74 0.43 0.00	29.85 0.50 0.00	30.01 0.50 0.00	31.94 0.56 -0.07	34.27 0.63 -0.17	36.31 0.71 -0.22	38.04 0.67 -0.25	43.25 0.72 -0.41	48.17 0.52 -0.57	60.48 0.42 -0.08	65.70 0.52 -0.06	65.50 0.46 0.00	51.75 0.21 0.00	46.91 0.19 0.00	40.54 0.36 -0.24	36.20 0.29 -0.07
ATHENS_STG_3 23677	34.74 0.72 0.00	30.71 0.57 0.00	27.35 0.54 0.00	27.11 0.63 0.00	26.70 0.57 0.00	27.77 0.57 0.00	29.67 0.50 0.00	29.59 0.49 0.00	28.74 0.43 0.00	29.85 0.50 0.00	30.01 0.50 0.00	31.94 0.56 -0.07	34.27 0.63 -0.17	36.31 0.71 -0.22	38.04 0.67 -0.25	43.25 0.72 -0.41	48.17 0.52 -0.57	60.48 0.42 -0.08	65.70 0.52 -0.06	65.50 0.46 0.00	51.75 0.21 0.00	46.91 0.19 0.00	40.54 0.36 -0.24	36.20 0.29 -0.07
AUBURN___LFGE 323710	34.23 0.20 0.00	31.04 0.18 -0.72	27.15 0.13 -0.20	26.57 0.08 -0.02	26.38 0.16 -0.09	27.61 0.16 -0.25	30.20 0.26 -0.76	30.17 0.32 -0.75	28.89 0.14 -0.43	29.94 0.12 -0.47	29.60 0.09 0.00	31.67 0.13 -0.23	35.22 0.23 -1.51	37.47 0.28 -1.81	39.53 0.33 -2.08	45.23 0.34 -2.78	51.37 0.56 -3.73	66.42 0.78 -5.66	72.63 1.04 -6.47	72.86 1.11 -6.71	56.74 0.77 -4.43	50.98 0.61 -3.64	43.04 0.36 -2.74	38.36 0.43 -2.09
BABYLON_RES_REC 323704	35.76 1.73 0.00	31.62 1.48 0.00	28.05 1.23 0.00	27.69 1.22 0.00	27.28 1.15 0.00	28.25 1.06 0.00	30.08 0.91 0.00	30.26 1.17 0.00	29.33 1.02 0.00	30.74 1.38 0.00	31.35 1.83 -0.01	33.41 1.94 -0.16	36.00 2.14 -0.38	38.19 2.30 -0.51	39.96 2.26 -0.58	44.74 1.69 -0.93	49.45 1.08 -1.29	61.36 1.20 -0.18	66.37 1.11 -0.14	65.23 0.20 0.00	51.80 0.26 0.00	46.72 0.00 0.01	41.72 1.24 -0.54	37.08 1.07 -0.17
BALL_HILL_WT_PWR 323825	33.96 -0.07 0.00	30.69 0.21 -0.34	27.18 0.27 -0.09	26.43 -0.05 -0.01	26.46 0.29 -0.04	27.64 0.33 -0.12	30.23 0.70 -0.36	30.26 0.81 -0.35	29.17 0.65 -0.20	30.37 0.79 -0.22	30.43 0.92 0.00	32.26 0.85 -0.11	35.32 1.14 -0.71	37.29 1.06 -0.84	39.42 1.33 -0.97	44.26 0.84 -1.30	49.48 0.66 -1.74	62.14 -0.48 -2.65	67.62 -0.52 -3.02	67.46 -0.71 -3.14	53.61 0.00 -2.07	48.57 0.14 -1.70	41.26 0.08 -1.24	38.08 1.29 -0.95
BARON_WINDS___WT_PWR 323822	34.13 0.10 0.00	30.80 0.27 -0.39	27.16 0.24 -0.11	26.51 0.03 -0.01	26.41 0.23 -0.05	27.60 0.27 -0.14	30.09 0.50 -0.41	30.03 0.52 -0.41	28.80 0.25 -0.24	29.84 0.23 -0.25	29.77 0.26 0.00	31.66 0.22 -0.13	34.72 0.43 -0.82	36.75 0.39 -0.98	38.76 0.52 -1.13	43.84 0.21 -1.51	49.34 0.24 -2.02	62.87 -0.18 -3.07	68.89 0.26 -3.51	68.94 0.26 -3.64	54.40 0.46 -2.40	49.12 0.42 -1.98	41.62 0.24 -1.44	37.91 0.97 -1.10
BARRETT_IC_1 23704	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT_IC_10 23701	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT_IC_11 23702	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT_IC_12 23703	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT_IC_2 23705	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT_IC_3 23706	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT_IC_4 23707	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT_IC_5 23708	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17

BARRETT_IC_6 23709	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT_IC_7 23710	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.88 0.00	30.29 1.19 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.72 1.56 -0.18	66.95 1.69 -0.14	65.95 0.91 0.00	52.06 0.52 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT_IC_8 23711	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT_IC_9 23700	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT___1 23545	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BARRETT___2 23546	35.56 1.53 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.05 0.87 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.23 1.71 -0.01	33.22 1.75 -0.16	35.76 1.91 -0.38	37.87 1.98 -0.51	39.59 1.89 -0.58	44.82 1.77 -0.93	49.64 1.27 -1.29	61.71 1.56 -0.18	66.76 1.50 -0.14	65.76 0.72 0.00	52.00 0.46 0.00	46.95 0.23 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BATAVIA__115KV_TB1 55881	34.60 0.58 0.00	30.95 0.48 -0.33	27.42 0.51 -0.09	26.70 0.21 -0.01	26.69 0.52 -0.04	27.88 0.57 -0.12	30.49 0.96 -0.35	30.58 1.13 -0.35	29.31 0.79 -0.20	30.42 0.85 -0.21	30.28 0.77 0.00	32.23 0.81 -0.11	35.24 1.07 -0.69	37.27 1.06 -0.83	39.44 1.37 -0.96	44.36 0.97 -1.27	49.87 1.08 -1.71	62.88 0.30 -2.60	68.15 0.07 -2.97	68.38 0.26 -3.08	53.98 0.41 -2.03	49.24 0.84 -1.67	41.80 0.64 -1.22	38.35 1.58 -0.93
BAYONEEC___CTG1 323682	35.76 1.73 0.00	31.59 1.45 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.45 1.25 0.00	30.35 1.17 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.27 1.82 -0.15	35.85 2.01 -0.37	38.07 2.19 -0.50	39.80 2.11 -0.57	45.24 2.19 -0.93	50.26 1.89 -1.29	62.08 1.92 -0.18	67.34 2.08 -0.14	66.93 1.89 0.00	52.62 1.08 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17
BAYONEEC___CTG10 323750	35.76 1.73 0.00	31.59 1.45 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.45 1.25 0.00	30.35 1.17 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.27 1.82 -0.15	35.85 2.01 -0.37	38.07 2.19 -0.50	39.80 2.11 -0.57	45.24 2.19 -0.93	50.26 1.89 -1.29	62.08 1.92 -0.18	67.34 2.08 -0.14	66.93 1.89 0.00	52.62 1.08 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17
BAYONEEC___CTG2 323683	35.76 1.73 0.00	31.59 1.45 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.45 1.25 0.00	30.35 1.17 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.27 1.82 -0.15	35.85 2.01 -0.37	38.07 2.19 -0.50	39.80 2.11 -0.57	45.24 2.19 -0.93	50.26 1.89 -1.29	62.08 1.92 -0.18	67.34 2.08 -0.14	66.93 1.89 0.00	52.62 1.08 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17
BAYONEEC___CTG3 323684	35.76 1.73 0.00	31.59 1.45 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.45 1.25 0.00	30.35 1.17 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.27 1.82 -0.15	35.85 2.01 -0.37	38.07 2.19 -0.50	39.80 2.11 -0.57	45.24 2.19 -0.93	50.26 1.89 -1.29	62.08 1.92 -0.18	67.34 2.08 -0.14	66.93 1.89 0.00	52.62 1.08 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17
BAYONEEC___CTG4 323685	35.76 1.73 0.00	31.59 1.45 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.45 1.25 0.00	30.35 1.17 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.27 1.82 -0.15	35.85 2.01 -0.37	38.07 2.19 -0.50	39.80 2.11 -0.57	45.24 2.19 -0.93	50.26 1.89 -1.29	62.08 1.92 -0.18	67.34 2.08 -0.14	66.93 1.89 0.00	52.62 1.08 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17
BAYONEEC___CTG5 323686	35.76 1.73 0.00	31.59 1.45 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.45 1.25 0.00	30.35 1.17 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.27 1.82 -0.15	35.85 2.01 -0.37	38.07 2.19 -0.50	39.80 2.11 -0.57	45.24 2.19 -0.93	50.26 1.89 -1.29	62.08 1.92 -0.18	67.34 2.08 -0.14	66.93 1.89 0.00	52.62 1.08 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17
BAYONEEC___CTG6 323687	35.76 1.73 0.00	31.59 1.45 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.45 1.25 0.00	30.35 1.17 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.27 1.82 -0.15	35.85 2.01 -0.37	38.07 2.19 -0.50	39.80 2.11 -0.57	45.24 2.19 -0.93	50.26 1.89 -1.29	62.08 1.92 -0.18	67.34 2.08 -0.14	66.93 1.89 0.00	52.62 1.08 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17
BAYONEEC___CTG7 323688	35.76 1.73 0.00	31.59 1.45 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.45 1.25 0.00	30.35 1.17 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.27 1.82 -0.15	35.85 2.01 -0.37	38.07 2.19 -0.50	39.80 2.11 -0.57	45.24 2.19 -0.93	50.26 1.89 -1.29	62.08 1.92 -0.18	67.34 2.08 -0.14	66.93 1.89 0.00	52.62 1.08 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17

BAYONEEC___CTG8 323689	35.76 1.73 0.00	31.59 1.45 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.45 1.25 0.00	30.35 1.17 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.27 1.82 -0.15	35.85 2.01 -0.37	38.07 2.19 -0.50	39.80 2.11 -0.57	45.24 2.19 -0.93	50.26 1.89 -1.29	62.08 1.92 -0.18	67.34 2.08 -0.14	66.93 1.89 0.00	52.62 1.08 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17
BAYONEEC___CTG9 323749	35.76 1.73 0.00	31.59 1.45 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.45 1.25 0.00	30.35 1.17 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.27 1.82 -0.15	35.85 2.01 -0.37	38.07 2.19 -0.50	39.80 2.11 -0.57	45.24 2.19 -0.93	50.26 1.89 -1.29	62.08 1.92 -0.18	67.34 2.08 -0.14	66.93 1.89 0.00	52.62 1.08 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17
BEACON___LESR 323632	34.33 0.31 0.00	30.37 0.27 0.04	27.14 0.32 0.00	26.93 0.45 0.00	26.50 0.37 0.00	27.55 0.35 0.00	29.50 0.32 0.00	29.33 0.23 0.00	28.43 0.11 0.00	29.44 0.09 0.00	29.57 0.06 0.00	31.30 0.09 0.10	33.32 0.10 0.25	35.12 0.07 0.33	36.81 0.07 0.38	41.67 0.17 0.62	46.31 0.09 0.86	60.10 0.24 0.12	65.48 0.46 0.10	65.43 0.39 0.00	51.75 0.21 0.00	46.73 0.00 0.00	39.70 0.12 0.36	35.69 -0.04 0.11
BEAVER RIVER___HYD 24048	34.30 0.27 0.00	30.72 0.21 -0.37	27.02 0.11 -0.10	26.62 0.13 -0.01	26.26 0.08 -0.05	27.46 0.14 -0.13	29.79 0.23 -0.38	29.65 0.18 -0.38	28.48 -0.06 -0.22	29.33 -0.26 -0.24	29.21 -0.30 0.00	31.08 -0.34 -0.12	33.77 -0.47 -0.76	35.80 -0.50 -0.91	37.80 -0.37 -1.05	43.69 0.17 -1.40	49.57 0.61 -1.88	64.22 1.38 -2.86	70.40 2.02 -3.27	70.51 2.08 -3.39	55.42 1.65 -2.23	50.15 1.59 -1.84	44.14 1.24 -2.96	39.02 1.00 -2.17
BEEBEE_GT_13 23619	34.16 0.14 0.00	30.67 0.21 -0.32	27.12 0.21 -0.09	26.51 0.03 -0.01	26.41 0.24 -0.04	27.55 0.24 -0.11	29.98 0.47 -0.34	30.05 0.61 -0.34	28.91 0.40 -0.19	30.01 0.44 -0.21	29.92 0.41 0.00	31.88 0.47 -0.10	34.82 0.67 -0.67	36.86 0.67 -0.81	38.86 0.82 -0.93	43.99 0.63 -1.24	49.64 0.89 -1.66	62.99 0.48 -2.53	68.33 0.33 -2.89	68.49 0.46 -3.00	53.98 0.46 -1.98	49.05 0.70 -1.63	41.52 0.40 -1.19	37.61 0.86 -0.90
BENSHRST_27_KV_BENSHRST_1 355998	36.30 2.28 0.00	32.04 1.90 0.00	28.50 1.69 0.00	28.20 1.72 0.00	27.80 1.67 0.00	28.83 1.63 0.00	30.69 1.52 0.00	30.70 1.60 0.00	29.84 1.53 0.00	31.21 1.85 0.00	31.57 2.07 0.00	33.71 2.25 -0.15	36.39 2.54 -0.37	38.60 2.72 -0.50	40.13 2.45 -0.57	45.24 2.19 -0.93	50.30 1.93 -1.29	61.78 1.62 -0.18	67.15 1.89 -0.14	66.73 1.69 0.00	52.46 0.93 0.01	47.94 1.21 0.00	41.88 1.40 -0.54	37.80 1.79 -0.17
BETHLEHEM___GRP 23843	33.89 -0.14 0.00	29.96 -0.15 0.03	26.79 -0.03 0.00	26.58 0.11 0.00	26.16 0.03 0.00	27.22 0.03 0.00	29.09 -0.09 0.00	28.95 -0.15 0.00	28.09 -0.23 0.00	29.12 -0.23 0.00	29.27 -0.24 0.00	30.97 -0.25 0.09	32.97 -0.27 0.23	34.72 -0.35 0.31	36.35 -0.41 0.36	41.12 -0.42 0.58	45.66 -0.61 0.81	59.09 -0.78 0.11	64.31 -0.72 0.09	64.26 -0.78 0.00	50.82 -0.72 0.00	45.98 -0.75 0.00	39.08 -0.52 0.34	35.20 -0.54 0.10
BETHLEHEM___GS1 323560	33.89 -0.14 0.00	29.96 -0.15 0.03	26.79 -0.03 0.00	26.61 0.13 0.00	26.16 0.03 0.00	27.22 0.03 0.00	29.09 -0.09 0.00	28.95 -0.14 0.00	28.09 -0.23 0.00	29.12 -0.24 0.00	29.24 -0.27 0.00	30.96 -0.25 0.09	32.97 -0.27 0.23	34.72 -0.35 0.31	36.35 -0.41 0.36	41.12 -0.42 0.58	45.66 -0.61 0.81	59.09 -0.78 0.11	64.25 -0.78 0.09	64.26 -0.78 0.00	50.82 -0.72 0.00	45.93 -0.79 0.00	39.08 -0.52 0.34	35.20 -0.54 0.10
BETHLEHEM___GS2 323561	33.89 -0.14 0.00	29.96 -0.15 0.03	26.79 -0.03 0.00	26.61 0.13 0.00	26.16 0.03 0.00	27.22 0.03 0.00	29.09 -0.09 0.00	28.95 -0.14 0.00	28.09 -0.23 0.00	29.12 -0.24 0.00	29.24 -0.27 0.00	30.96 -0.25 0.09	32.97 -0.27 0.23	34.72 -0.35 0.31	36.35 -0.41 0.36	41.12 -0.42 0.58	45.66 -0.61 0.81	59.09 -0.78 0.11	64.25 -0.78 0.09	64.26 -0.78 0.00	50.82 -0.72 0.00	45.93 -0.79 0.00	39.08 -0.52 0.34	35.20 -0.54 0.10
BETHLEHEM___GS3 323562	33.89 -0.14 0.00	29.96 -0.15 0.03	26.79 -0.03 0.00	26.61 0.13 0.00	26.16 0.03 0.00	27.22 0.03 0.00	29.09 -0.09 0.00	28.95 -0.14 0.00	28.09 -0.23 0.00	29.12 -0.24 0.00	29.24 -0.27 0.00	30.96 -0.25 0.09	32.97 -0.27 0.23	34.72 -0.35 0.31	36.35 -0.41 0.36	41.12 -0.42 0.58	45.66 -0.61 0.81	59.09 -0.78 0.11	64.25 -0.78 0.09	64.26 -0.78 0.00	50.82 -0.72 0.00	45.93 -0.79 0.00	39.08 -0.52 0.34	35.20 -0.54 0.10
BETHLEHEM___STEEL 23779	33.96 -0.07 0.00	30.66 0.18 -0.34	27.15 0.24 -0.09	26.41 -0.08 -0.01	26.43 0.26 -0.04	27.61 0.30 -0.12	30.23 0.70 -0.36	30.21 0.76 -0.35	29.11 0.59 -0.20	30.25 0.68 -0.22	30.16 0.65 0.00	32.14 0.72 -0.11	35.12 0.94 -0.71	37.15 0.92 -0.85	39.31 1.22 -0.98	44.09 0.67 -1.30	49.25 0.42 -1.74	61.79 -0.84 -2.65	66.97 -1.17 -3.03	67.01 -1.17 -3.14	53.10 -0.52 -2.07	48.43 0.00 -1.71	41.14 -0.04 -1.24	37.97 1.18 -0.95
BETHLHEM_115KV_TB1 79974	33.99 -0.03 0.00	30.05 -0.06 0.03	26.84 0.03 0.00	26.63 0.16 0.00	26.21 0.08 0.00	27.28 0.08 0.00	29.18 0.00 0.00	29.01 -0.09 0.00	28.14 -0.17 0.00	29.18 -0.18 0.00	29.36 -0.15 0.00	31.07 -0.16 0.09	33.09 -0.17 0.22	34.88 -0.21 0.29	36.52 -0.26 0.33	41.28 -0.29 0.55	45.85 -0.47 0.76	59.22 -0.66 0.10	64.44 -0.59 0.08	64.45 -0.59 0.00	50.97 -0.57 0.00	46.07 -0.65 0.00	39.22 -0.40 0.32	35.31 -0.43 0.10
BETHPAGE_CC_5 323564	35.62 1.60 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.20 1.01 0.00	30.02 0.85 0.00	30.18 1.08 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.26 1.74 -0.01	33.28 1.82 -0.16	35.80 1.94 -0.38	37.97 2.09 -0.51	39.66 1.97 -0.58	44.78 1.73 -0.93	49.59 1.22 -1.29	61.66 1.50 -0.18	66.76 1.50 -0.14	65.69 0.65 0.00	51.90 0.36 0.00	46.81 0.09 0.01	41.40 0.92 -0.54	36.87 0.86 -0.17
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.96 -0.07 0.00	30.66 0.18 -0.34	27.15 0.24 -0.09	26.41 -0.08 -0.01	26.46 0.29 -0.04	27.61 0.30 -0.12	30.24 0.70 -0.36	30.21 0.76 -0.35	29.11 0.59 -0.20	30.25 0.68 -0.22	30.19 0.68 0.00	32.17 0.75 -0.11	35.15 0.97 -0.71	37.19 0.96 -0.85	39.36 1.26 -0.98	44.18 0.76 -1.31	49.35 0.52 -1.75	62.04 -0.60 -2.66	67.25 -0.91 -3.04	67.28 -0.91 -3.16	53.31 -0.31 -2.08	48.44 0.00 -1.71	41.19 0.00 -1.25	38.01 1.22 -0.95
BINGHAMTON___COGEN 23790	34.37 0.34 0.00	30.91 0.36 -0.41	27.25 0.32 -0.11	26.72 0.24 -0.01	26.50 0.31 -0.05	27.66 0.33 -0.14	30.02 0.41 -0.43	29.93 0.41 -0.43	28.87 0.31 -0.25	29.95 0.32 -0.27	29.83 0.32 0.00	31.79 0.34 -0.13	34.80 0.47 -0.86	36.91 0.50 -1.03	38.86 0.56 -1.19	44.21 0.51 -1.58	49.77 0.56 -2.12	63.69 0.48 -3.23	69.39 0.59 -3.69	69.51 0.65 -3.83	54.58 0.52 -2.52	49.18 0.37 -2.08	41.73 0.28 -1.51	37.50 0.50 -1.16

BIXINCNT_115KV_LOAD 355685	33.92 -0.10 0.00	30.60 0.12 -0.34	27.04 0.13 -0.10	26.51 0.03 -0.01	26.54 0.37 -0.04	27.72 0.41 -0.12	30.33 0.79 -0.36	30.24 0.79 -0.36	29.17 0.65 -0.21	30.34 0.76 -0.22	30.28 0.77 0.00	32.23 0.81 -0.11	35.16 0.97 -0.72	37.16 0.92 -0.86	39.25 1.15 -0.99	44.11 0.67 -1.32	49.37 0.52 -1.77	62.31 -0.36 -2.69	67.80 -0.39 -3.07	67.90 -0.33 -3.19	53.75 0.10 -2.10	48.55 0.09 -1.73	41.28 0.08 -1.26	38.02 1.22 -0.96
BLACK RIVER___HYD 24047	34.74 0.72 0.00	31.33 0.60 -0.59	27.41 0.43 -0.16	26.97 0.48 -0.02	26.65 0.44 -0.08	27.89 0.49 -0.21	30.44 0.64 -0.62	30.29 0.58 -0.61	28.92 0.25 -0.35	29.71 -0.03 -0.38	29.45 -0.06 0.00	31.40 -0.09 -0.19	34.53 -0.17 -1.23	36.67 -0.18 -1.47	38.77 -0.04 -1.70	44.97 0.59 -2.26	51.24 1.13 -3.03	66.74 2.16 -4.61	73.44 3.06 -5.27	73.75 3.25 -5.46	57.67 2.52 -3.60	51.89 2.20 -2.96	44.86 1.64 -3.28	39.65 1.36 -2.44
BLACKRVR_115KV_TB2 79977	34.74 0.71 0.00	31.33 0.60 -0.59	27.41 0.43 -0.16	26.97 0.48 -0.02	26.65 0.44 -0.08	27.89 0.49 -0.21	30.44 0.64 -0.62	30.29 0.58 -0.61	28.92 0.25 -0.35	29.71 -0.03 -0.38	29.45 -0.06 0.00	31.40 -0.09 -0.19	34.53 -0.17 -1.23	36.67 -0.18 -1.47	38.77 -0.04 -1.70	44.97 0.59 -2.26	51.24 1.13 -3.03	66.75 2.16 -4.61	73.44 3.06 -5.27	73.75 3.25 -5.46	57.62 2.47 -3.60	51.89 2.20 -2.96	44.86 1.64 -3.28	39.65 1.36 -2.44
BLDWN_LI_69_KV_BK4 356085	35.79 1.77 0.00	31.68 1.54 0.00	28.10 1.29 0.00	27.75 1.27 0.00	27.33 1.20 0.00	28.34 1.14 0.00	30.17 0.99 0.00	30.44 1.34 0.00	29.42 1.10 0.00	30.82 1.47 0.00	31.41 1.89 -0.01	33.44 1.97 -0.16	36.03 2.18 -0.38	38.19 2.30 -0.51	39.92 2.23 -0.58	45.20 2.15 -0.93	50.11 1.74 -1.29	62.32 2.16 -0.18	67.67 2.41 -0.14	66.60 1.56 0.00	52.57 1.03 0.00	47.37 0.65 0.01	41.72 1.24 -0.54	37.16 1.15 -0.17
BLISS_WT_PWR 323608	33.89 -0.14 0.00	30.57 0.09 -0.34	27.02 0.11 -0.10	26.51 0.03 -0.01	26.54 0.37 -0.04	27.72 0.41 -0.12	30.33 0.79 -0.36	30.27 0.81 -0.36	29.17 0.65 -0.21	30.37 0.79 -0.22	30.43 0.92 0.00	32.26 0.85 -0.11	35.26 1.07 -0.72	37.16 0.92 -0.86	39.22 1.11 -0.99	44.11 0.67 -1.32	49.37 0.52 -1.77	62.31 -0.36 -2.69	67.99 -0.19 -3.07	67.90 -0.32 -3.19	53.95 0.31 -2.10	48.55 0.09 -1.73	41.32 0.12 -1.26	38.09 1.29 -0.96
BLUESTONE___WT_PWR 323821	35.52 1.50 0.00	31.85 1.36 -0.36	28.04 1.13 -0.10	27.65 1.16 -0.01	27.32 1.15 -0.05	28.54 1.22 -0.13	30.98 1.43 -0.37	30.87 1.40 -0.37	29.60 1.08 -0.21	30.47 0.88 -0.23	30.37 0.86 0.00	32.27 0.85 -0.11	35.15 0.94 -0.74	37.22 0.96 -0.89	39.33 1.19 -1.02	45.08 1.60 -1.37	51.03 2.12 -1.83	65.82 3.06 -2.79	72.14 3.84 -3.18	72.24 3.90 -3.30	56.81 3.09 -2.18	50.99 2.47 -1.79	43.16 1.92 -1.31	38.70 1.86 -1.00
BLUE_CIRC_CHEM_DRP 24182	33.79 -0.24 0.00	29.88 -0.24 0.02	26.65 -0.16 0.00	26.42 -0.05 0.00	26.03 -0.10 0.00	27.06 -0.14 0.00	28.94 -0.23 0.00	28.75 -0.35 0.00	27.83 -0.48 0.00	28.74 -0.62 0.00	28.86 -0.65 0.00	30.59 -0.66 0.06	32.65 -0.67 0.15	34.44 -0.74 0.20	36.11 -0.78 0.23	40.99 -0.76 0.37	45.67 -0.89 0.52	58.89 -1.02 0.07	64.21 -0.85 0.06	64.13 -0.91 0.00	50.77 -0.77 0.00	45.89 -0.84 0.00	39.16 -0.56 0.22	35.20 -0.57 0.07
BOC_GAS_DRP 24189	34.26 0.24 0.00	30.30 0.18 0.02	27.00 0.19 0.00	26.77 0.29 0.00	26.36 0.24 0.00	27.44 0.24 0.00	29.35 0.18 0.00	29.21 0.12 0.00	28.37 0.06 0.00	29.44 0.09 0.00	29.60 0.09 0.00	31.35 0.09 0.05	33.47 0.13 0.14	35.30 0.11 0.18	36.98 0.07 0.21	41.86 0.08 0.34	46.51 -0.09 0.48	59.67 -0.24 0.07	64.87 -0.20 0.05	64.84 -0.20 0.00	51.28 -0.26 0.00	46.45 -0.28 0.00	39.66 -0.08 0.20	35.67 -0.11 0.06
BOONVILLE_115KV_TB1 79983	34.47 0.44 0.00	30.71 0.36 -0.21	27.14 0.27 -0.06	26.80 0.32 -0.01	26.44 0.29 -0.03	27.57 0.30 -0.07	29.78 0.38 -0.22	29.66 0.35 -0.22	28.61 0.17 -0.12	29.52 0.03 -0.13	29.51 0.00 0.00	31.38 0.00 -0.07	33.87 -0.03 -0.43	35.86 -0.04 -0.52	37.75 0.04 -0.60	43.42 0.51 -0.80	48.95 0.80 -1.07	62.99 1.38 -1.63	68.80 1.82 -1.86	68.92 1.95 -1.93	54.31 1.49 -1.27	49.08 1.31 -1.05	42.32 1.00 -1.38	37.72 0.86 -1.02
BORALEX_4TH_BRANCH 23824	35.62 1.60 0.00	31.58 1.39 -0.05	27.97 1.15 0.00	27.91 1.43 0.00	27.38 1.25 0.00	28.58 1.39 0.00	30.58 1.40 0.00	30.32 1.22 0.00	29.45 1.13 0.00	30.53 1.17 0.00	30.63 1.12 0.00	32.14 1.13 0.30	33.79 1.07 0.75	35.55 1.17 1.00	37.23 1.26 1.15	41.72 1.47 1.88	45.94 1.46 2.60	61.42 1.80 0.36	66.91 2.08 0.29	67.25 2.21 0.00	53.19 1.65 0.00	47.89 1.17 0.00	39.96 1.12 1.09	36.47 0.97 0.34
BOWLINE___1 23526	35.42 1.40 0.00	31.29 1.15 0.00	27.83 1.02 0.00	27.56 1.09 0.00	27.15 1.02 0.00	28.20 1.01 0.00	30.08 0.91 0.00	30.06 0.96 0.00	29.25 0.93 0.00	30.50 1.14 0.00	30.75 1.24 0.00	32.79 1.35 -0.14	35.33 1.51 -0.35	37.55 1.70 -0.47	39.28 1.63 -0.54	44.68 1.69 -0.88	49.76 1.46 -1.22	61.70 1.56 -0.17	67.01 1.76 -0.14	66.60 1.56 0.00	52.52 0.98 0.00	47.57 0.84 0.00	41.45 1.00 -0.51	36.89 0.90 -0.16
BOWLINE___2 23595	35.39 1.36 0.00	31.29 1.15 0.00	27.81 0.99 0.00	27.56 1.09 0.00	27.15 1.02 0.00	28.20 1.01 0.00	30.08 0.91 0.00	30.06 0.96 0.00	29.25 0.93 0.00	30.50 1.14 0.00	30.75 1.24 0.00	32.76 1.31 -0.14	35.33 1.51 -0.35	37.51 1.66 -0.47	39.25 1.59 -0.54	44.68 1.69 -0.88	49.76 1.46 -1.22	61.65 1.50 -0.17	66.94 1.69 -0.14	66.60 1.56 0.00	52.47 0.93 0.00	47.57 0.84 0.00	41.45 1.00 -0.51	36.89 0.90 -0.16
BRADY___115KV_TB2 356060	34.47 0.44 0.00	30.53 0.39 0.00	27.19 0.38 0.00	26.71 0.24 0.00	26.36 0.24 0.00	27.49 0.30 0.00	29.62 0.44 0.00	29.51 0.41 0.00	28.74 0.42 0.00	29.68 0.32 0.00	29.86 0.35 0.00	31.65 0.34 0.00	33.61 0.13 0.00	35.56 0.18 0.00	37.30 0.19 0.00	42.46 0.34 0.00	47.69 0.61 0.00	61.30 1.32 0.00	66.74 1.63 0.00	66.53 1.50 0.00	52.83 1.29 0.00	48.13 1.40 0.00	46.71 1.16 -5.62	40.75 0.93 -3.98
BRANSCOMB___SOLAR 323811	35.18 1.16 0.00	31.24 1.05 -0.04	27.73 0.91 0.00	27.54 1.06 0.00	27.12 0.99 0.00	28.20 1.01 0.00	30.23 1.05 0.00	30.06 0.96 0.00	29.05 0.73 0.00	29.91 0.56 0.00	29.92 0.41 0.00	31.57 0.41 0.14	33.55 0.43 0.36	35.29 0.39 0.48	37.13 0.56 0.55	42.07 0.84 0.89	46.88 1.03 1.24	61.49 1.68 0.17	67.25 2.28 0.14	67.45 2.41 0.00	53.29 1.75 0.00	48.18 1.45 0.00	40.62 1.20 0.52	36.65 0.97 0.16
BRDGHMPT_69_KV_BK1 55812	36.17 2.14 0.00	31.95 1.81 0.00	28.32 1.50 0.00	27.93 1.46 0.00	27.54 1.41 0.00	28.50 1.31 0.00	30.32 1.14 0.00	30.93 1.83 0.00	29.59 1.27 0.00	31.00 1.64 0.00	31.82 2.30 -0.01	33.88 2.41 -0.16	36.60 2.74 -0.38	38.89 3.01 -0.51	40.55 2.86 -0.58	46.04 2.99 -0.93	50.82 2.45 -1.29	63.28 3.12 -0.18	68.45 3.19 -0.14	66.92 1.89 0.00	52.88 1.34 0.00	47.28 0.56 0.01	41.88 1.40 -0.54	37.19 1.18 -0.17

BRENTWOD_69_KV_W. BRTWOOD 56703	35.96 1.94 0.00	31.77 1.63 0.00	28.18 1.37 0.00	27.80 1.32 0.00	27.41 1.28 0.00	28.36 1.17 0.00	30.20 1.02 0.00	30.61 1.51 0.00	29.48 1.16 0.00	30.88 1.53 0.00	31.58 2.07 -0.01	33.63 2.16 -0.16	36.30 2.44 -0.38	38.50 2.62 -0.51	40.25 2.56 -0.58	45.45 2.40 -0.93	50.25 1.88 -1.29	62.62 2.46 -0.18	67.86 2.60 -0.14	66.60 1.56 0.00	52.67 1.13 0.00	47.33 0.61 0.01	41.96 1.48 -0.54	37.26 1.25 -0.17
BRISTLHL_115KV_TB1 79998	33.85 -0.17 0.00	30.48 -0.15 -0.49	26.82 -0.13 -0.14	26.30 -0.19 -0.01	26.06 -0.13 -0.06	27.23 -0.14 -0.17	29.60 -0.09 -0.51	29.55 -0.06 -0.51	28.44 -0.17 -0.29	29.47 -0.21 -0.32	29.27 -0.24 0.00	31.25 -0.22 -0.16	34.36 -0.13 -1.02	36.42 -0.18 -1.22	38.33 -0.19 -1.41	43.78 -0.21 -1.88	49.50 -0.09 -2.52	63.62 -0.18 -3.82	69.42 -0.07 -4.37	69.51 -0.07 -4.53	54.42 -0.10 -2.99	49.04 -0.14 -2.46	41.62 -0.24 -1.92	37.16 -0.14 -1.46
BROOKHAVEN__DRP 24191	35.52 1.50 0.00	31.38 1.24 0.00	27.81 0.99 0.00	27.43 0.95 0.00	27.04 0.91 0.00	27.98 0.79 0.00	29.79 0.61 0.00	30.35 1.25 0.00	29.08 0.76 0.00	30.44 1.09 0.00	31.17 1.65 -0.01	33.19 1.72 -0.16	35.83 1.97 -0.38	38.04 2.16 -0.51	39.70 2.00 -0.58	44.90 1.85 -0.93	49.64 1.27 -1.29	61.84 1.68 -0.18	66.95 1.69 -0.14	65.62 0.59 0.00	51.90 0.36 0.00	46.58 -0.14 0.01	41.32 0.84 -0.54	36.65 0.65 -0.17
BROOKLYN_NAVY_YARD 23515	35.79 1.77 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.47 1.28 0.00	30.37 1.20 0.00	30.44 1.34 0.00	29.65 1.33 0.00	30.94 1.58 0.00	31.22 1.71 0.00	33.30 1.85 -0.15	35.92 2.08 -0.37	38.14 2.27 -0.50	39.84 2.15 -0.57	45.32 2.27 -0.93	50.35 1.98 -1.29	62.26 2.10 -0.18	67.54 2.28 -0.14	67.12 2.08 0.00	52.77 1.23 0.00	48.03 1.31 0.00	41.96 1.48 -0.54	37.33 1.33 -0.17
BROOKLYN__ARMY_DRP 323595	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
BROOME_2_LFGE 323671	34.37 0.34 0.00	30.92 0.36 -0.41	27.25 0.32 -0.11	26.72 0.24 -0.01	26.50 0.31 -0.05	27.67 0.33 -0.14	30.02 0.41 -0.43	29.93 0.41 -0.43	28.87 0.31 -0.25	29.95 0.32 -0.27	29.83 0.33 0.00	31.79 0.35 -0.13	34.80 0.47 -0.86	36.91 0.50 -1.03	38.86 0.56 -1.19	44.21 0.51 -1.58	49.77 0.57 -2.12	63.68 0.48 -3.23	69.45 0.65 -3.69	69.51 0.65 -3.83	54.58 0.52 -2.52	49.17 0.37 -2.08	41.73 0.28 -1.51	37.50 0.50 -1.16
BROOME__LFGE 323600	34.37 0.34 0.00	30.92 0.36 -0.41	27.25 0.32 -0.11	26.72 0.24 -0.01	26.50 0.31 -0.05	27.67 0.33 -0.14	30.02 0.41 -0.43	29.93 0.41 -0.43	28.87 0.31 -0.25	29.95 0.32 -0.27	29.83 0.33 0.00	31.79 0.35 -0.13	34.80 0.47 -0.86	36.91 0.50 -1.03	38.86 0.56 -1.19	44.21 0.51 -1.58	49.77 0.57 -2.12	63.68 0.48 -3.23	69.45 0.65 -3.69	69.51 0.65 -3.83	54.58 0.52 -2.52	49.17 0.37 -2.08	41.73 0.28 -1.51	37.50 0.50 -1.16
BROWNFLS_115KV_TB 3_5 80003	34.30 0.27 0.00	30.61 0.21 -0.26	27.05 0.16 -0.07	26.61 0.13 -0.01	26.24 0.08 -0.03	27.42 0.14 -0.09	29.71 0.26 -0.27	29.57 0.20 -0.27	28.58 0.11 -0.15	29.46 -0.06 -0.16	29.48 -0.03 0.00	31.30 -0.09 -0.08	33.74 -0.27 -0.53	35.77 -0.25 -0.64	37.66 -0.19 -0.73	43.22 0.13 -0.98	48.82 0.42 -1.31	62.99 1.02 -1.99	68.83 1.43 -2.28	68.90 1.50 -2.36	54.28 1.19 -1.56	49.36 1.36 -1.28	44.95 1.16 -3.86	39.56 0.93 -2.78
BROWNSV1_27_KV_LOAD 356125	36.10 2.08 0.00	31.83 1.69 0.00	28.29 1.47 0.00	27.98 1.51 0.00	27.59 1.46 0.00	28.63 1.44 0.00	30.58 1.40 0.00	30.64 1.54 0.00	29.84 1.53 0.00	31.15 1.79 0.00	31.49 1.98 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	40.17 2.49 -0.57	45.70 2.65 -0.93	50.77 2.40 -1.29	62.80 2.64 -0.18	68.32 3.06 -0.14	67.77 2.73 0.00	53.29 1.75 0.00	48.41 1.68 0.00	42.28 1.80 -0.54	37.62 1.61 -0.17
BURROWS__LYONSDAL 23803	34.37 0.34 0.00	30.65 0.27 -0.24	27.07 0.19 -0.07	26.72 0.24 -0.01	26.34 0.18 -0.03	27.50 0.22 -0.08	29.75 0.32 -0.25	29.61 0.26 -0.25	28.54 0.08 -0.14	29.42 -0.09 -0.15	29.39 -0.12 0.00	31.26 -0.13 -0.08	33.77 -0.20 -0.50	35.76 -0.21 -0.60	37.69 -0.11 -0.69	43.41 0.38 -0.92	49.06 0.75 -1.23	63.23 1.38 -1.87	69.14 1.89 -2.14	69.21 1.95 -2.22	54.55 1.55 -1.46	49.28 1.36 -1.20	42.67 1.04 -1.69	37.99 0.90 -1.25
CAITHNESS_CC_1 323624	35.49 1.46 0.00	31.35 1.21 0.00	27.81 0.99 0.00	27.43 0.95 0.00	27.04 0.91 0.00	27.98 0.79 0.00	29.79 0.61 0.00	30.06 0.96 0.00	29.08 0.76 0.00	30.44 1.09 0.00	31.14 1.62 -0.01	33.19 1.72 -0.16	35.80 1.94 -0.38	38.04 2.16 -0.51	39.66 1.97 -0.58	44.86 1.81 -0.93	49.59 1.22 -1.29	61.78 1.62 -0.18	66.69 1.43 -0.14	65.43 0.39 0.00	51.80 0.26 0.00	46.53 -0.19 0.01	41.32 0.84 -0.54	36.65 0.65 -0.17
CALPINE BETH_PAGE_GT4 24209	35.69 1.67 0.00	31.59 1.45 0.00	28.05 1.23 0.00	27.69 1.22 0.00	27.28 1.15 0.00	28.25 1.06 0.00	30.11 0.93 0.00	30.38 1.28 0.00	29.36 1.05 0.00	30.76 1.41 0.00	31.35 1.83 -0.01	33.31 1.85 -0.16	35.87 2.01 -0.38	38.01 2.12 -0.51	39.63 1.93 -0.58	44.78 1.73 -0.93	49.55 1.18 -1.29	61.66 1.50 -0.18	66.89 1.63 -0.14	65.82 0.78 0.00	51.95 0.41 0.00	46.81 0.09 0.01	41.36 0.88 -0.54	36.90 0.90 -0.17
CALPINE_BETH_PAGE_GT_4 323586	35.69 1.67 0.00	31.59 1.45 0.00	28.05 1.23 0.00	27.69 1.22 0.00	27.28 1.15 0.00	28.25 1.06 0.00	30.11 0.93 0.00	30.23 1.13 0.00	29.36 1.05 0.00	30.74 1.38 0.00	31.32 1.80 -0.01	33.31 1.85 -0.16	35.83 1.97 -0.38	38.01 2.12 -0.51	39.62 1.93 -0.58	44.78 1.73 -0.93	49.55 1.18 -1.29	61.66 1.50 -0.18	66.76 1.50 -0.14	65.69 0.65 0.00	51.90 0.36 0.00	46.81 0.09 0.01	41.36 0.88 -0.54	36.90 0.90 -0.17
CALPINE_BP_GT1 23823	35.69 1.67 0.00	31.59 1.45 0.00	28.05 1.23 0.00	27.69 1.22 0.00	27.28 1.15 0.00	28.25 1.06 0.00	30.11 0.93 0.00	30.23 1.13 0.00	29.36 1.05 0.00	30.74 1.38 0.00	31.32 1.80 -0.01	33.31 1.85 -0.16	35.83 1.97 -0.38	38.01 2.12 -0.51	39.62 1.93 -0.58	44.78 1.73 -0.93	49.55 1.18 -1.29	61.66 1.50 -0.18	66.76 1.50 -0.14	65.69 0.65 0.00	51.90 0.36 0.00	46.81 0.09 0.01	41.36 0.88 -0.54	36.90 0.90 -0.17
CALSPAN__DRP 24200	33.96 -0.07 0.00	30.66 0.18 -0.34	27.15 0.24 -0.09	26.41 -0.08 -0.01	26.43 0.26 -0.04	27.61 0.30 -0.12	30.23 0.70 -0.36	30.21 0.76 -0.35	29.11 0.59 -0.20	30.25 0.68 -0.22	30.16 0.65 0.00	32.14 0.72 -0.11	35.12 0.94 -0.71	37.15 0.92 -0.85	39.31 1.22 -0.98	44.09 0.67 -1.30	49.25 0.42 -1.74	61.79 -0.84 -2.65	66.97 -1.17 -3.03	67.01 -1.17 -3.14	53.10 -0.52 -2.07	48.43 0.00 -1.71	41.14 -0.04 -1.24	37.97 1.18 -0.95

CALVERTON___SOLAR 323806	35.56 1.53 0.00	31.41 1.27 0.00	27.86 1.04 0.00	27.48 1.01 0.00	27.07 0.94 0.00	28.04 0.84 0.00	29.82 0.64 0.00	30.14 1.05 0.00	29.11 0.79 0.00	30.50 1.14 0.00	31.20 1.68 -0.01	33.25 1.78 -0.16	35.90 2.04 -0.38	38.12 2.23 -0.51	39.77 2.08 -0.58	45.03 1.98 -0.93	49.74 1.37 -1.29	62.02 1.86 -0.18	66.95 1.69 -0.14	65.62 0.58 0.00	51.95 0.41 0.00	46.67 -0.05 0.01	41.36 0.88 -0.54	36.69 0.68 -0.17
CANDIGU_WT_PWR 323617	34.13 0.10 0.00	30.80 0.27 -0.39	27.16 0.24 -0.11	26.51 0.03 -0.01	26.41 0.23 -0.05	27.60 0.27 -0.14	30.09 0.50 -0.41	30.03 0.52 -0.41	28.80 0.25 -0.24	29.84 0.23 -0.25	29.77 0.26 0.00	31.66 0.22 -0.13	34.72 0.43 -0.82	36.75 0.39 -0.98	38.76 0.52 -1.13	43.84 0.21 -1.51	49.34 0.24 -2.02	62.87 -0.18 -3.07	68.89 0.26 -3.51	68.94 0.26 -3.64	54.40 0.46 -2.40	49.12 0.42 -1.98	41.62 0.24 -1.44	37.91 0.97 -1.10
CARR STREET_E_SYR 24060	33.89 -0.14 0.00	30.61 -0.09 -0.56	26.86 -0.11 -0.16	26.36 -0.13 -0.01	26.10 -0.10 -0.07	27.31 -0.08 -0.20	29.71 -0.06 -0.59	29.66 -0.03 -0.59	28.51 -0.14 -0.34	29.57 -0.15 -0.36	29.36 -0.15 0.00	31.37 -0.12 -0.18	34.58 -0.07 -1.18	36.61 -0.18 -1.41	38.48 -0.26 -1.62	43.94 -0.34 -2.16	49.70 -0.28 -2.90	63.97 -0.42 -4.41	69.83 -0.32 -5.04	69.94 -0.32 -5.23	54.73 -0.26 -3.45	49.24 -0.32 -2.84	41.77 -0.36 -2.19	37.26 -0.25 -1.67
CARTHAGE___PAPER 23857	34.50 0.48 0.00	31.01 0.36 -0.50	27.19 0.24 -0.14	26.75 0.26 -0.01	26.43 0.23 -0.06	27.64 0.27 -0.18	30.11 0.41 -0.53	29.94 0.32 -0.52	28.70 0.09 -0.30	29.51 -0.18 -0.33	29.30 -0.21 0.00	31.22 -0.25 -0.16	34.15 -0.37 -1.05	36.25 -0.39 -1.25	38.30 -0.26 -1.45	44.38 0.34 -1.93	50.47 0.80 -2.59	65.65 1.74 -3.93	72.15 2.54 -4.49	72.37 2.67 -4.66	56.68 2.06 -3.07	51.17 1.92 -2.53	44.53 1.44 -3.16	39.33 1.15 -2.34
CASSADAGA_WT_PWR 323784	34.09 0.07 0.00	30.75 0.27 -0.34	27.12 0.21 -0.09	26.41 -0.08 -0.01	26.46 0.29 -0.04	27.69 0.38 -0.12	30.38 0.85 -0.36	30.62 1.17 -0.36	29.48 0.96 -0.21	30.84 1.26 -0.22	30.98 1.47 0.00	32.89 1.47 -0.11	36.02 1.84 -0.71	38.00 1.77 -0.85	40.17 2.08 -0.98	45.12 1.69 -1.31	50.53 1.69 -1.76	63.73 1.08 -2.67	69.54 1.37 -3.06	69.31 1.10 -3.17	55.07 1.44 -2.09	49.52 1.08 -1.72	42.11 0.92 -1.25	38.73 1.93 -0.96
CE_DUNWOOD___DRP 24194	35.59 1.57 0.00	31.44 1.30 0.00	27.97 1.15 0.00	27.69 1.22 0.00	27.28 1.15 0.00	28.34 1.14 0.00	30.23 1.05 0.00	30.23 1.13 0.00	29.42 1.10 0.00	30.68 1.32 0.00	30.96 1.45 0.00	32.99 1.53 -0.15	35.59 1.74 -0.37	37.79 1.91 -0.50	39.54 1.86 -0.57	44.94 1.90 -0.93	50.06 1.69 -1.29	61.96 1.80 -0.18	67.28 2.02 -0.14	66.92 1.89 0.00	52.73 1.19 0.00	47.75 1.03 0.00	41.68 1.20 -0.54	37.08 1.08 -0.17
CE_MILLWOOD___DRP 24193	35.52 1.50 0.00	31.38 1.24 0.00	27.91 1.10 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.28 1.09 0.00	30.17 0.99 0.00	30.17 1.08 0.00	29.36 1.05 0.00	30.59 1.23 0.00	30.90 1.39 0.00	32.90 1.44 -0.15	35.52 1.67 -0.37	37.68 1.80 -0.49	39.43 1.74 -0.57	44.85 1.81 -0.92	49.96 1.60 -1.28	61.84 1.68 -0.18	67.21 1.95 -0.14	66.79 1.76 0.00	52.62 1.08 0.00	47.71 0.98 0.00	41.64 1.16 -0.54	37.01 1.00 -0.17
CE_NYC2_DRP 24202	35.90 1.87 0.00	31.71 1.57 0.00	28.24 1.42 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.43 1.25 0.00	30.44 1.34 0.00	29.65 1.33 0.00	30.94 1.59 0.00	31.28 1.77 0.00	33.33 1.88 -0.15	35.99 2.14 -0.37	38.18 2.30 -0.50	39.84 2.15 -0.57	45.20 2.15 -0.93	50.16 1.79 -1.29	61.84 1.68 -0.18	67.15 1.89 -0.14	66.73 1.69 0.00	52.46 0.93 0.01	47.89 1.17 0.00	41.92 1.44 -0.54	37.44 1.43 -0.17
CE_NYC_DRP 24195	35.83 1.80 0.00	31.65 1.51 0.00	28.13 1.31 0.00	27.85 1.38 0.00	27.44 1.31 0.00	28.50 1.31 0.00	30.40 1.23 0.00	30.47 1.37 0.00	29.67 1.36 0.00	30.94 1.59 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.95 2.11 -0.37	38.18 2.30 -0.50	39.91 2.23 -0.57	45.37 2.32 -0.93	50.44 2.07 -1.29	62.32 2.16 -0.18	67.67 2.41 -0.14	67.25 2.21 0.00	52.88 1.34 0.00	48.08 1.36 0.00	42.00 1.52 -0.54	37.37 1.36 -0.17
CHAFFEE___LFGE 323603	33.96 -0.07 0.00	30.66 0.18 -0.34	27.15 0.24 -0.09	26.41 -0.08 -0.01	26.43 0.26 -0.04	27.61 0.30 -0.12	30.24 0.70 -0.36	30.24 0.79 -0.35	29.14 0.62 -0.20	30.28 0.70 -0.22	30.33 0.83 0.00	32.17 0.75 -0.11	35.22 1.04 -0.71	37.19 0.96 -0.85	39.36 1.26 -0.98	44.19 0.76 -1.31	49.40 0.57 -1.76	62.05 -0.60 -2.67	67.51 -0.65 -3.05	67.36 -0.85 -3.16	53.52 -0.10 -2.09	48.54 0.09 -1.72	41.23 0.04 -1.25	38.05 1.25 -0.96
CHATEAUG_35_KV_LOAD 355732	34.26 0.24 0.00	30.26 0.12 0.00	26.87 0.05 0.00	26.32 -0.16 0.00	25.87 -0.26 0.00	26.92 -0.27 0.00	28.94 -0.23 0.00	28.89 -0.20 0.00	28.37 0.06 0.00	29.36 0.00 0.00	29.48 -0.03 0.00	31.25 -0.06 0.00	33.07 -0.40 0.00	34.99 -0.39 0.00	36.63 -0.48 0.00	41.70 -0.42 0.00	47.13 0.05 0.00	61.06 1.08 0.00	66.42 1.30 0.00	66.27 1.24 0.00	52.67 1.13 0.00	48.03 1.31 0.00	41.69 1.12 -0.64	37.30 1.00 -0.45
CHATEAUG_WT_PWR 323614	34.26 0.24 0.00	30.23 0.09 0.00	26.84 0.03 0.00	26.29 -0.18 0.00	25.84 -0.29 0.00	26.87 -0.33 0.00	28.89 -0.29 0.00	28.84 -0.26 0.00	28.31 0.00 0.00	29.30 -0.06 0.00	29.45 -0.06 0.00	31.18 -0.12 0.00	33.04 -0.44 0.00	34.92 -0.46 0.00	36.56 -0.56 0.00	41.61 -0.50 0.00	47.03 -0.05 0.00	60.88 0.90 0.00	66.29 1.17 0.00	66.14 1.10 0.00	52.52 0.98 0.00	47.94 1.21 0.00	41.27 1.08 -0.25	36.98 0.97 -0.18
CHAT_HIGH_FALL_HYD 323578	34.26 0.24 0.00	30.26 0.12 0.00	26.87 0.05 0.00	26.32 -0.16 0.00	25.87 -0.26 0.00	26.92 -0.27 0.00	28.94 -0.23 0.00	28.89 -0.20 0.00	28.37 0.06 0.00	29.36 0.00 0.00	29.48 -0.03 0.00	31.25 -0.06 0.00	33.07 -0.40 0.00	34.99 -0.39 0.00	36.63 -0.48 0.00	41.70 -0.42 0.00	47.13 0.05 0.00	61.06 1.08 0.00	66.42 1.30 0.00	66.27 1.24 0.00	52.67 1.13 0.00	48.03 1.31 0.00	41.69 1.12 -0.64	37.30 1.00 -0.45
CHAUTAUQUA___LFGE 323629	34.09 0.07 0.00	30.81 0.33 -0.34	27.26 0.35 -0.09	26.51 0.03 -0.01	26.54 0.37 -0.04	27.75 0.43 -0.12	30.38 0.85 -0.36	30.47 1.02 -0.35	29.40 0.88 -0.20	30.66 1.09 -0.22	30.75 1.24 0.00	32.61 1.19 -0.11	35.72 1.54 -0.71	37.72 1.49 -0.85	39.87 1.78 -0.98	44.77 1.35 -1.30	50.10 1.27 -1.75	63.00 0.36 -2.66	68.61 0.46 -3.04	68.45 0.26 -3.15	54.39 0.77 -2.08	49.09 0.65 -1.71	41.74 0.56 -1.25	38.44 1.65 -0.95
CHERRYST_13_KV_LD 356241	35.93 1.91 0.00	31.74 1.60 0.00	28.21 1.39 0.00	27.91 1.43 0.00	27.51 1.38 0.00	28.58 1.39 0.00	30.49 1.31 0.00	30.55 1.45 0.00	29.76 1.44 0.00	31.03 1.67 0.00	31.37 1.86 0.00	33.43 1.97 -0.15	36.09 2.24 -0.37	38.28 2.41 -0.50	40.02 2.34 -0.57	45.53 2.48 -0.93	50.58 2.21 -1.29	62.50 2.34 -0.18	67.86 2.60 -0.14	67.45 2.41 0.00	53.09 1.55 0.00	48.27 1.54 0.00	42.12 1.64 -0.54	37.48 1.47 -0.17

CHESTROR_138KV_BK263 355645	35.25 1.22 0.00	31.16 1.02 0.00	27.73 0.91 0.00	27.46 0.98 0.00	27.04 0.91 0.00	28.09 0.90 0.00	29.99 0.82 0.00	29.94 0.84 0.00	29.11 0.79 0.00	30.32 0.97 0.00	30.57 1.06 0.00	32.56 1.13 -0.13	35.10 1.31 -0.33	37.27 1.45 -0.44	38.99 1.37 -0.50	44.41 1.47 -0.82	49.53 1.32 -1.13	61.51 1.38 -0.16	66.87 1.63 -0.13	66.60 1.56 0.00	52.47 0.93 0.00	47.52 0.79 0.00	41.33 0.92 -0.48	36.78 0.79 -0.15
CH_MIDHUDSON___DRP 24192	35.45 1.43 0.00	31.32 1.18 0.00	27.86 1.05 0.00	27.61 1.14 0.00	27.20 1.07 0.00	28.28 1.09 0.00	30.17 0.99 0.00	30.09 0.99 0.00	29.25 0.93 0.00	30.47 1.12 0.00	30.72 1.21 0.00	32.69 1.28 -0.10	35.19 1.47 -0.25	37.34 1.63 -0.34	39.06 1.56 -0.39	44.47 1.73 -0.63	49.55 1.60 -0.87	61.90 1.80 -0.12	67.23 2.02 -0.10	66.99 1.95 0.00	52.78 1.24 0.00	47.75 1.03 0.00	41.42 1.12 -0.37	36.92 0.97 -0.11
CH_MISC_IPPS 23765	35.69 1.67 0.00	31.53 1.39 0.00	28.05 1.23 0.00	27.77 1.30 0.00	27.36 1.23 0.00	28.42 1.22 0.00	30.35 1.17 0.00	30.23 1.13 0.00	29.42 1.10 0.00	30.62 1.26 0.00	30.87 1.36 0.00	32.92 1.50 -0.11	35.46 1.71 -0.28	37.64 1.87 -0.38	39.41 1.85 -0.44	44.90 2.06 -0.72	50.09 2.02 -0.99	62.45 2.34 -0.14	67.83 2.61 -0.11	67.57 2.53 0.00	53.19 1.65 0.00	48.18 1.45 0.00	41.83 1.48 -0.42	37.19 1.22 -0.13
CH_RES_BVR_FALLS 23983	33.45 -0.58 0.00	29.63 -0.51 0.00	26.33 -0.48 0.00	25.97 -0.50 0.00	25.61 -0.52 0.00	26.65 -0.54 0.00	28.59 -0.58 0.00	28.54 -0.55 0.00	27.95 -0.37 0.00	29.06 -0.29 0.00	29.27 -0.24 0.00	31.06 -0.25 0.00	33.14 -0.33 0.00	35.03 -0.35 0.00	36.74 -0.37 0.00	41.78 -0.34 0.00	46.80 -0.28 0.00	59.86 -0.12 0.00	64.98 -0.13 0.00	64.91 -0.13 0.00	51.44 -0.10 0.00	46.73 0.00 0.00	39.79 0.00 0.15	35.70 -0.04 0.11
CH_RES_NIAGARA 23895	33.11 -0.92 0.00	30.50 0.03 -0.33	27.09 0.19 -0.09	26.30 -0.19 -0.01	26.35 0.18 -0.04	27.53 0.22 -0.12	30.11 0.58 -0.35	30.17 0.73 -0.34	28.91 0.40 -0.20	29.95 0.38 -0.21	29.54 0.03 0.00	31.45 0.03 -0.11	34.36 0.20 -0.69	36.31 0.11 -0.82	38.40 0.33 -0.95	42.96 -0.42 -1.27	47.89 -0.89 -1.70	59.74 -2.82 -2.58	64.49 -3.58 -2.95	64.52 -3.58 -3.06	51.19 -2.37 -2.02	47.13 -1.26 -1.66	40.03 -1.12 -1.21	37.73 0.97 -0.92
CH_RES_SYRACUSE 23985	34.03 0.00 0.00	30.98 0.03 -0.81	27.04 0.00 -0.22	26.47 -0.03 -0.02	26.23 0.00 -0.10	27.50 0.03 -0.28	30.09 0.06 -0.85	30.03 0.09 -0.84	28.77 -0.03 -0.49	29.85 -0.03 -0.52	29.48 -0.03 0.00	31.54 -0.03 -0.26	35.23 0.07 -1.69	37.43 0.04 -2.02	39.52 0.07 -2.33	45.26 0.04 -3.10	51.43 0.19 -4.16	66.55 0.24 -6.33	72.74 0.39 -7.23	72.93 0.39 -7.50	56.80 0.31 -4.95	50.98 0.19 -4.07	43.05 0.04 -3.07	38.29 0.11 -2.34
CLINTON_WT_PWR 323605	34.26 0.24 0.00	30.23 0.09 0.00	26.84 0.03 0.00	26.29 -0.18 0.00	25.84 -0.29 0.00	26.87 -0.33 0.00	28.89 -0.29 0.00	28.84 -0.26 0.00	28.31 0.00 0.00	29.30 -0.06 0.00	29.45 -0.06 0.00	31.18 -0.12 0.00	33.04 -0.44 0.00	34.92 -0.46 0.00	36.56 -0.56 0.00	41.61 -0.50 0.00	47.03 -0.05 0.00	60.88 0.90 0.00	66.29 1.17 0.00	66.14 1.10 0.00	52.52 0.98 0.00	47.94 1.21 0.00	41.27 1.08 -0.25	36.98 0.97 -0.18
CLINTON___LFGE 323618	34.77 0.75 0.00	30.65 0.51 0.00	27.19 0.38 0.00	26.56 0.08 0.00	26.08 -0.05 0.00	27.14 -0.05 0.00	29.21 0.03 0.00	29.16 0.06 0.00	28.66 0.34 0.00	29.65 0.29 0.00	29.83 0.33 0.00	31.56 0.25 0.00	33.31 -0.17 0.00	35.24 -0.14 0.00	36.86 -0.26 0.00	42.03 -0.08 0.00	47.65 0.57 0.00	62.02 2.04 0.00	67.65 2.54 0.00	67.38 2.34 0.00	53.50 1.96 0.00	48.83 2.10 0.00	42.16 1.84 -0.38	37.76 1.65 -0.27
COBBLENY_34_KV_TB1 80064	33.96 -0.07 0.00	30.66 0.18 -0.34	27.15 0.24 -0.09	26.41 -0.08 -0.01	26.43 0.26 -0.04	27.61 0.30 -0.12	30.24 0.70 -0.36	30.24 0.79 -0.35	29.14 0.62 -0.20	30.28 0.70 -0.22	30.19 0.68 0.00	32.17 0.75 -0.11	35.15 0.97 -0.71	37.19 0.96 -0.85	39.36 1.26 -0.98	44.19 0.76 -1.31	49.40 0.56 -1.76	62.05 -0.60 -2.67	67.32 -0.85 -3.05	67.36 -0.85 -3.16	53.32 -0.31 -2.09	48.49 0.05 -1.72	41.23 0.04 -1.25	38.02 1.22 -0.96
COFFEEN___115KV_TB3 355620	34.91 0.88 0.00	31.50 0.75 -0.60	27.55 0.56 -0.17	27.10 0.61 -0.02	26.76 0.55 -0.08	28.00 0.60 -0.21	30.60 0.79 -0.64	30.45 0.73 -0.63	29.02 0.34 -0.36	29.78 0.03 -0.39	29.51 0.00 0.00	31.47 -0.03 -0.19	34.63 -0.10 -1.26	36.78 -0.11 -1.51	38.93 0.07 -1.74	45.15 0.72 -2.32	51.51 1.32 -3.11	67.23 2.52 -4.73	74.04 3.52 -5.40	74.35 3.71 -5.61	58.07 2.83 -3.70	52.24 2.48 -3.04	45.08 1.84 -3.30	39.81 1.51 -2.46
COLDSPRG_115KV_BK1 355956	34.26 0.24 0.00	30.97 0.48 -0.34	27.34 0.43 -0.10	26.62 0.13 -0.01	26.64 0.47 -0.04	27.86 0.54 -0.12	30.53 0.99 -0.36	30.56 1.11 -0.36	29.48 0.96 -0.21	30.78 1.20 -0.22	30.75 1.24 0.00	32.80 1.38 -0.11	35.83 1.64 -0.72	37.94 1.70 -0.86	40.11 2.00 -0.99	45.08 1.64 -1.32	50.50 1.65 -1.77	63.75 1.08 -2.69	69.43 1.24 -3.08	69.40 1.17 -3.19	54.88 1.24 -2.11	49.35 0.89 -1.73	41.96 0.76 -1.26	38.56 1.76 -0.96
COLONIE_LFGE___ 323577	34.98 0.95 0.00	31.05 0.84 -0.07	27.56 0.75 0.00	27.40 0.93 0.00	26.94 0.81 0.00	28.06 0.87 0.00	30.02 0.85 0.00	29.83 0.73 0.00	28.94 0.62 0.00	29.94 0.59 0.00	30.04 0.53 0.00	31.70 0.56 0.17	33.58 0.53 0.42	35.38 0.56 0.56	37.10 0.63 0.65	41.86 0.80 1.05	46.42 0.80 1.46	60.86 1.08 0.20	66.32 1.37 0.16	66.47 1.43 0.00	52.57 1.03 0.00	47.47 0.75 0.00	40.04 0.72 0.61	36.22 0.57 0.19
COOPERNY_115KV_TB1 80082	35.01 0.99 0.00	30.98 0.84 0.00	27.57 0.75 0.00	27.27 0.79 0.00	26.89 0.76 0.00	27.93 0.73 0.00	29.85 0.67 0.00	29.80 0.70 0.00	28.97 0.65 0.00	30.15 0.79 0.00	30.37 0.86 0.00	32.29 0.88 -0.10	34.77 1.04 -0.26	36.85 1.13 -0.34	38.62 1.11 -0.39	43.93 1.18 -0.64	48.95 0.99 -0.88	61.12 1.02 -0.12	66.45 1.24 -0.10	66.21 1.17 0.00	52.26 0.72 0.00	47.29 0.56 0.00	41.03 0.72 -0.37	36.56 0.61 -0.11
COPENHAGEN_WT_PWR 323753	34.64 0.61 0.00	31.28 0.51 -0.63	27.36 0.38 -0.17	26.89 0.40 -0.02	26.58 0.37 -0.08	27.82 0.41 -0.22	30.39 0.55 -0.66	30.25 0.49 -0.66	28.89 0.20 -0.38	29.71 -0.06 -0.41	29.42 -0.09 0.00	31.39 -0.12 -0.20	34.59 -0.20 -1.32	36.75 -0.21 -1.58	38.86 -0.07 -1.82	45.01 0.46 -2.42	51.32 0.99 -3.25	66.78 1.86 -4.94	73.50 2.73 -5.65	73.76 2.86 -5.86	57.62 2.21 -3.86	51.87 1.96 -3.18	44.72 1.44 -3.34	39.52 1.18 -2.49
CORNELL_____ 23752	34.64 0.61 0.00	31.24 0.57 -0.53	27.44 0.48 -0.15	26.89 0.40 -0.01	26.67 0.47 -0.07	27.90 0.52 -0.19	30.38 0.64 -0.56	30.29 0.64 -0.55	29.09 0.45 -0.32	30.08 0.38 -0.34	29.83 0.32 0.00	31.85 0.38 -0.17	35.05 0.47 -1.11	37.20 0.50 -1.32	39.23 0.59 -1.53	44.83 0.67 -2.04	50.80 0.99 -2.73	65.45 1.32 -4.15	71.61 1.76 -4.74	71.78 1.82 -4.92	56.12 1.34 -3.24	50.47 1.07 -2.67	42.68 0.80 -1.95	38.19 0.86 -1.49

CORONA_69_KV_TB1	35.83	31.71	28.16	27.80	27.38	28.39	30.26	30.47	29.48	30.88	31.44	33.48	36.10	38.23	40.00	45.32	50.25	62.44	67.80	66.86	52.73	47.61	41.88	37.23
355595	1.80	1.57	1.34	1.32	1.25	1.20	1.08	1.37	1.16	1.53	1.92	2.00	2.24	2.34	2.30	2.27	1.88	2.28	2.54	1.82	1.19	0.89	1.40	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.16	-0.39	-0.51	-0.59	-0.93	-1.29	-0.18	-0.14	0.00	0.00	0.01	-0.54	-0.17
CORTLAND_115KV_TB3	34.71	31.26	27.44	26.94	26.67	27.89	30.33	30.28	29.08	30.07	29.86	31.88	35.05	37.17	39.20	44.90	50.87	65.71	71.82	72.05	56.35	50.64	42.96	38.23
80093	0.68	0.60	0.48	0.45	0.47	0.52	0.61	0.64	0.45	0.38	0.35	0.41	0.50	0.50	0.59	0.80	1.13	1.68	2.08	2.21	1.65	1.31	0.96	0.82
	0.00	-0.52	-0.14	-0.01	-0.07	-0.18	-0.54	-0.54	-0.31	-0.33	0.00	-0.17	-1.08	-1.29	-1.49	-1.99	-2.66	-4.05	-4.63	-4.80	-3.16	-2.60	-2.06	-1.57
COXSACKIE__GT	35.35	31.26	27.86	27.59	27.20	28.25	30.29	29.94	28.91	29.71	29.69	31.76	33.97	35.95	37.77	43.32	48.83	63.35	69.30	68.68	54.01	48.55	41.66	37.16
23611	1.33	1.15	1.04	1.11	1.07	1.06	1.11	0.84	0.60	0.35	0.18	0.50	0.60	0.71	0.82	1.47	2.12	3.42	4.23	3.64	2.47	1.82	1.88	1.36
	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.14	0.16	0.27	0.37	0.05	0.04	0.00	0.00	0.00	0.16	0.05
CPV_VALLEY__CC1	35.01	30.98	27.56	27.30	26.89	27.93	29.82	29.77	28.97	30.15	30.39	32.34	34.85	36.99	38.73	44.05	49.12	61.08	66.34	66.02	52.06	47.19	41.02	36.51
323721	0.99	0.84	0.75	0.82	0.76	0.73	0.64	0.67	0.65	0.79	0.88	0.91	1.07	1.20	1.15	1.18	0.99	0.96	1.11	0.98	0.52	0.47	0.64	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.30	-0.40	-0.46	-0.75	-1.04	-0.14	-0.12	0.00	0.00	0.00	-0.44	-0.14
CPV_VALLEY__CC2	35.01	30.98	27.56	27.30	26.89	27.93	29.82	29.77	28.97	30.15	30.39	32.34	34.85	36.99	38.73	44.05	49.12	61.08	66.34	66.02	52.06	47.19	41.02	36.51
323722	0.99	0.84	0.75	0.82	0.76	0.73	0.64	0.67	0.65	0.79	0.88	0.91	1.07	1.20	1.15	1.18	0.99	0.96	1.11	0.98	0.52	0.47	0.64	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.30	-0.40	-0.46	-0.75	-1.04	-0.14	-0.12	0.00	0.00	0.00	-0.44	-0.14
CRESCENT__HYD	34.98	31.05	27.56	27.40	26.94	28.06	30.02	29.83	28.94	29.94	30.04	31.70	33.58	35.38	37.10	41.86	46.42	60.86	66.32	66.47	52.57	47.47	40.04	36.22
24018	0.95	0.84	0.75	0.93	0.81	0.87	0.85	0.73	0.62	0.59	0.53	0.56	0.53	0.56	0.63	0.80	0.80	1.08	1.37	1.43	1.03	0.75	0.72	0.57
	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.42	0.56	0.65	1.05	1.46	0.20	0.16	0.00	0.00	0.00	0.61	0.19
CRICKET__VALLEY_CC1	35.04	30.89	27.54	27.40	26.91	28.01	29.82	29.71	28.88	30.03	30.25	29.83	28.67	29.15	29.70	29.48	28.89	57.92	63.65	65.69	51.80	46.91	32.41	33.73
323756	1.02	0.75	0.72	0.93	0.78	0.82	0.64	0.61	0.57	0.68	0.74	0.78	0.90	1.03	0.93	0.97	0.66	0.54	0.65	0.65	0.26	0.19	0.40	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.26	5.71	7.26	8.34	13.61	18.85	2.60	2.12	0.00	0.00	0.00	7.93	2.44
CRICKET__VALLEY_CC2	35.04	30.89	27.54	27.40	26.91	28.01	29.82	29.71	28.88	30.03	30.25	29.83	28.67	29.15	29.70	29.48	28.89	57.92	63.65	65.69	51.80	46.91	32.41	33.73
323757	1.02	0.75	0.72	0.93	0.78	0.82	0.64	0.61	0.57	0.68	0.74	0.78	0.90	1.03	0.93	0.97	0.66	0.54	0.65	0.65	0.26	0.19	0.40	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.26	5.71	7.26	8.34	13.61	18.85	2.60	2.12	0.00	0.00	0.00	7.93	2.44
CRICKET__VALLEY_CC3	35.04	30.89	27.54	27.40	26.91	28.01	29.82	29.71	28.88	30.03	30.25	29.83	28.67	29.15	29.70	29.48	28.89	57.92	63.65	65.69	51.80	46.91	32.41	33.73
323758	1.02	0.75	0.72	0.93	0.78	0.82	0.64	0.61	0.57	0.68	0.74	0.78	0.90	1.03	0.93	0.97	0.66	0.54	0.65	0.65	0.26	0.19	0.40	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.26	5.71	7.26	8.34	13.61	18.85	2.60	2.12	0.00	0.00	0.00	7.93	2.44
CRUCIBLE_METL_DRP	34.03	30.98	27.04	26.44	26.23	27.50	30.09	30.03	28.77	29.85	29.45	31.54	35.23	37.43	39.52	45.26	51.43	66.55	72.74	72.93	56.74	50.98	43.05	38.29
24180	0.00	0.03	0.00	-0.05	0.00	0.03	0.06	0.09	-0.03	-0.03	-0.06	-0.03	0.07	0.04	0.07	0.04	0.19	0.24	0.39	0.39	0.26	0.19	0.04	0.11
	0.00	-0.81	-0.22	-0.02	-0.10	-0.28	-0.85	-0.84	-0.49	-0.52	0.00	-0.26	-1.69	-2.02	-2.33	-3.10	-4.16	-6.33	-7.23	-7.50	-4.95	-4.07	-3.07	-2.34
DAHOWA__HYDRO	35.22	31.29	27.78	27.59	27.18	28.25	30.29	30.12	29.08	29.94	29.95	31.64	33.60	35.32	37.18	42.19	47.03	61.74	67.59	67.77	53.50	48.36	40.76	36.73
323763	1.19	1.12	0.96	1.11	1.05	1.06	1.11	1.02	0.76	0.59	0.44	0.47	0.47	0.39	0.59	0.93	1.13	1.92	2.61	2.73	1.96	1.63	1.32	1.04
	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.34	0.46	0.52	0.85	1.18	0.16	0.13	0.00	0.00	0.00	0.50	0.15
DANC__LFGE	34.26	31.10	27.14	26.60	26.33	27.60	30.23	30.12	28.76	29.66	29.30	31.31	34.83	37.04	39.18	45.24	51.52	66.99	73.53	73.84	57.50	51.73	44.21	39.12
323619	0.24	0.18	0.11	0.11	0.10	0.14	0.23	0.21	-0.03	-0.20	-0.21	-0.25	-0.27	-0.28	-0.18	0.13	0.42	0.90	1.43	1.56	1.19	1.08	0.72	0.61
	0.00	-0.78	-0.22	-0.02	-0.10	-0.27	-0.82	-0.81	-0.47	-0.50	0.00	-0.25	-1.63	-1.95	-2.25	-3.00	-4.02	-6.11	-6.98	-7.24	-4.77	-3.93	-3.55	-2.67
DANSKAMMER__1	35.69	31.53	28.05	27.77	27.36	28.42	30.35	30.23	29.42	30.62	30.87	32.92	35.46	37.64	39.41	44.90	50.09	62.45	67.83	67.57	53.19	48.18	41.83	37.19
23586	1.67	1.39	1.23	1.30	1.23	1.22	1.17	1.13	1.10	1.26	1.36	1.50	1.71	1.87	1.85	2.06	2.02	2.34	2.61	2.53	1.65	1.45	1.48	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.28	-0.38	-0.44	-0.72	-0.99	-0.14	-0.11	0.00	0.00	0.00	-0.42	-0.13
DANSKAMMER__2	35.69	31.53	28.05	27.77	27.36	28.42	30.35	30.23	29.42	30.62	30.87	32.92	35.46	37.64	39.41	44.90	50.09	62.45	67.83	67.57	53.19	48.18	41.83	37.19
23589	1.67	1.39	1.23	1.30	1.23	1.22	1.17	1.13	1.10	1.26	1.36	1.50	1.71	1.87	1.85	2.06	2.02	2.34	2.61	2.53	1.65	1.45	1.48	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.28	-0.38	-0.44	-0.72	-0.99	-0.14	-0.11	0.00	0.00	0.00	-0.42	-0.13
DANSKAMMER__3	35.69	31.53	28.05	27.77	27.36	28.42	30.35	30.23	29.42	30.62	30.87	32.92	35.46	37.64	39.41	44.90	50.09	62.45	67.83	67.57	53.19	48.18	41.83	37.19
23590	1.67	1.39	1.23	1.30	1.23	1.22	1.17	1.13	1.10	1.26	1.36	1.50	1.71	1.87	1.85	2.06	2.02	2.34	2.61	2.53	1.65	1.45	1.48	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.28	-0.38	-0.44	-0.72	-0.99	-0.14	-0.11	0.00	0.00	0.00	-0.42	-0.13

DANSKAMMER___4 23591	35.69 1.67 0.00	31.53 1.39 0.00	28.05 1.23 0.00	27.77 1.30 0.00	27.36 1.23 0.00	28.42 1.22 0.00	30.35 1.17 0.00	30.23 1.13 0.00	29.42 1.10 0.00	30.62 1.26 0.00	30.87 1.36 0.00	32.92 1.50 -0.11	35.46 1.71 -0.28	37.64 1.87 -0.38	39.41 1.85 -0.44	44.90 2.06 -0.72	50.09 2.02 -0.99	62.45 2.34 -0.14	67.83 2.61 -0.11	67.57 2.53 0.00	53.19 1.65 0.00	48.18 1.45 0.00	41.83 1.48 -0.42	37.19 1.22 -0.13
DANSKAMMER___DIESEL 23592	35.69 1.67 0.00	31.53 1.39 0.00	28.05 1.23 0.00	27.77 1.30 0.00	27.36 1.23 0.00	28.42 1.22 0.00	30.34 1.17 0.00	30.23 1.13 0.00	29.42 1.10 0.00	30.62 1.26 0.00	30.90 1.39 0.00	32.92 1.50 -0.11	35.46 1.71 -0.28	37.64 1.88 -0.38	39.41 1.86 -0.44	44.90 2.06 -0.72	50.10 2.02 -0.99	62.46 2.34 -0.14	67.90 2.67 -0.11	67.58 2.54 0.00	53.24 1.70 0.00	48.17 1.45 0.00	41.83 1.48 -0.42	37.19 1.22 -0.13
DARBY___SOLAR 323810	35.15 1.12 0.00	31.24 1.05 -0.04	27.73 0.91 0.00	27.54 1.06 0.00	27.10 0.97 0.00	28.20 1.01 0.00	30.23 1.05 0.00	30.06 0.96 0.00	29.02 0.71 0.00	29.91 0.56 0.00	29.92 0.41 0.00	31.57 0.41 0.14	33.52 0.40 0.36	35.26 0.35 0.47	37.13 0.56 0.55	42.07 0.84 0.89	46.88 1.03 1.23	61.49 1.68 0.17	67.32 2.34 0.14	67.45 2.41 0.00	53.29 1.75 0.00	48.18 1.45 0.00	40.62 1.20 0.52	36.65 0.97 0.16
DASHVILLE___HYD 23610	35.45 1.43 0.00	31.31 1.18 0.00	27.86 1.05 0.00	27.59 1.11 0.00	27.17 1.05 0.00	28.23 1.03 0.00	30.11 0.93 0.00	30.00 0.90 0.00	29.16 0.85 0.00	30.35 1.00 0.00	30.60 1.09 0.00	32.82 1.44 -0.07	35.33 1.67 -0.18	37.46 1.84 -0.24	39.21 1.82 -0.28	44.64 2.06 -0.46	49.74 2.02 -0.63	62.47 2.40 -0.09	67.92 2.73 -0.07	67.12 2.08 0.00	52.83 1.29 0.00	47.80 1.07 0.00	41.68 1.48 -0.27	37.14 1.22 -0.08
DELAWARE___LFGE 323621	34.91 0.88 0.00	31.14 0.78 -0.21	27.54 0.67 -0.06	27.20 0.71 -0.01	26.84 0.68 -0.03	27.98 0.71 -0.08	30.13 0.73 -0.22	30.05 0.73 -0.22	29.01 0.57 -0.13	30.08 0.59 -0.14	30.10 0.59 0.00	32.00 0.63 -0.07	34.62 0.70 -0.45	36.69 0.78 -0.53	38.55 0.82 -0.62	43.87 0.93 -0.82	49.17 0.99 -1.10	62.85 1.20 -1.67	68.46 1.43 -1.91	68.45 1.43 -1.98	53.93 1.08 -1.31	48.69 0.89 -1.08	41.52 0.80 -0.78	37.19 0.75 -0.60
DERFIELD_115KV_TB7 355931	34.09 0.07 0.00	30.20 0.06 0.00	26.87 0.05 0.00	26.56 0.08 0.00	26.18 0.05 0.00	27.25 0.05 0.00	29.24 0.06 0.00	29.13 0.03 0.00	28.31 0.00 0.00	29.36 0.00 0.00	29.51 0.00 0.00	31.31 0.00 0.00	33.47 0.00 0.00	35.38 0.00 0.00	37.11 0.00 0.00	42.16 0.04 0.00	47.13 0.05 0.00	59.98 0.00 0.00	65.18 0.07 0.00	65.10 0.07 0.00	51.59 0.05 0.00	46.73 0.00 0.00	40.08 0.04 -0.10	35.95 0.04 -0.07
DOGLEVILLE___HYD 23807	33.41 -0.61 0.00	29.57 -0.57 0.00	26.25 -0.56 0.00	26.00 -0.48 0.00	25.63 -0.50 0.00	26.65 -0.54 0.00	28.59 -0.58 0.00	28.49 -0.61 0.00	27.61 -0.71 0.00	28.56 -0.79 0.00	28.71 -0.80 0.00	30.40 -0.91 0.00	32.37 -1.10 0.00	34.07 -1.31 0.00	35.70 -1.41 0.00	40.60 -1.52 0.00	45.34 -1.74 0.00	58.00 -1.98 0.00	63.23 -1.89 0.00	63.35 -1.69 0.00	50.20 -1.34 0.00	45.60 -1.12 0.00	39.16 -0.88 -0.10	35.16 -0.75 -0.07
DUNKIRK___115KV_TB_200 55889	34.09 0.07 0.00	30.81 0.33 -0.34	27.26 0.35 -0.09	26.51 0.03 -0.01	26.57 0.39 -0.04	27.75 0.44 -0.12	30.38 0.85 -0.36	30.47 1.02 -0.35	29.40 0.88 -0.20	30.60 1.03 -0.22	30.57 1.06 0.00	32.58 1.16 -0.11	35.59 1.41 -0.71	37.68 1.45 -0.85	39.80 1.71 -0.98	44.73 1.31 -1.30	50.01 1.18 -1.75	62.88 0.24 -2.66	68.22 0.07 -3.04	68.26 0.07 -3.15	54.08 0.46 -2.08	49.00 0.56 -1.71	41.66 0.48 -1.25	38.37 1.58 -0.95
DUNKIRK___1 23563	34.09 0.07 0.00	30.81 0.33 -0.34	27.26 0.35 -0.09	26.51 0.03 -0.01	26.57 0.39 -0.04	27.75 0.44 -0.12	30.38 0.85 -0.36	30.47 1.02 -0.35	29.40 0.88 -0.20	30.60 1.03 -0.22	30.57 1.06 0.00	32.58 1.16 -0.11	35.59 1.41 -0.71	37.68 1.45 -0.85	39.80 1.71 -0.98	44.73 1.31 -1.30	50.01 1.18 -1.75	62.88 0.24 -2.66	68.22 0.07 -3.04	68.26 0.07 -3.15	54.08 0.46 -2.08	49.00 0.56 -1.71	41.66 0.48 -1.25	38.37 1.58 -0.95
DUNKIRK___2 23564	34.09 0.07 0.00	30.81 0.33 -0.34	27.26 0.35 -0.09	26.51 0.03 -0.01	26.57 0.39 -0.04	27.75 0.44 -0.12	30.38 0.85 -0.36	30.47 1.02 -0.35	29.40 0.88 -0.20	30.60 1.03 -0.22	30.57 1.06 0.00	32.58 1.16 -0.11	35.59 1.41 -0.71	37.68 1.45 -0.85	39.80 1.71 -0.98	44.73 1.31 -1.30	50.01 1.18 -1.75	62.88 0.24 -2.66	68.22 0.07 -3.04	68.26 0.07 -3.15	54.08 0.46 -2.08	49.00 0.56 -1.71	41.66 0.48 -1.25	38.37 1.58 -0.95
DUNKIRK___3 23565	33.99 -0.03 0.00	30.72 0.24 -0.34	27.18 0.27 -0.09	26.43 -0.05 -0.01	26.49 0.31 -0.04	27.67 0.35 -0.12	30.26 0.73 -0.36	30.29 0.84 -0.35	29.23 0.71 -0.20	30.43 0.85 -0.22	30.34 0.83 0.00	32.33 0.91 -0.11	35.32 1.14 -0.71	37.39 1.17 -0.85	39.54 1.45 -0.98	44.39 0.97 -1.30	49.63 0.80 -1.75	62.33 -0.30 -2.65	67.63 -0.52 -3.03	67.73 -0.46 -3.15	53.61 0.00 -2.07	48.67 0.23 -1.71	41.34 0.16 -1.24	38.12 1.33 -0.95
DUNKIRK___4 23566	33.99 -0.03 0.00	30.72 0.24 -0.34	27.18 0.27 -0.09	26.43 -0.05 -0.01	26.49 0.31 -0.04	27.67 0.35 -0.12	30.26 0.73 -0.36	30.29 0.84 -0.35	29.23 0.71 -0.20	30.43 0.85 -0.22	30.34 0.83 0.00	32.33 0.91 -0.11	35.32 1.14 -0.71	37.39 1.17 -0.85	39.54 1.45 -0.98	44.39 0.97 -1.30	49.63 0.80 -1.75	62.33 -0.30 -2.65	67.63 -0.52 -3.03	67.73 -0.46 -3.15	53.61 0.00 -2.07	48.67 0.23 -1.71	41.34 0.16 -1.24	38.12 1.33 -0.95
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.66 1.63 0.00	31.50 1.36 0.00	28.02 1.21 0.00	27.75 1.27 0.00	27.33 1.20 0.00	28.39 1.20 0.00	30.29 1.11 0.00	30.32 1.22 0.00	29.50 1.19 0.00	30.76 1.41 0.00	31.07 1.56 0.00	33.12 1.66 -0.15	35.72 1.87 -0.37	37.89 2.02 -0.50	39.65 1.97 -0.57	45.11 2.06 -0.93	50.21 1.84 -1.29	62.08 1.92 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.83 1.29 0.00	47.89 1.17 0.00	41.80 1.32 -0.54	37.15 1.15 -0.17
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.45 1.43 0.00	31.35 1.21 0.00	27.86 1.05 0.00	27.59 1.11 0.00	27.20 1.07 0.00	28.25 1.06 0.00	30.17 0.99 0.00	30.09 0.99 0.00	29.25 0.93 0.00	30.47 1.12 0.00	30.75 1.24 0.00	32.74 1.31 -0.12	35.27 1.51 -0.29	37.44 1.66 -0.39	39.20 1.63 -0.45	44.62 1.77 -0.74	49.75 1.65 -1.02	61.98 1.86 -0.14	67.38 2.15 -0.11	67.06 2.02 0.00	52.83 1.29 0.00	47.80 1.07 0.00	41.57 1.20 -0.43	36.98 1.00 -0.13
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.04 2.01 -0.01	31.84 1.69 -0.01	28.35 1.53 -0.01	28.05 1.56 -0.01	27.62 1.49 0.00	28.61 1.41 0.00	30.46 1.28 0.00	30.44 1.34 0.00	29.59 1.27 0.00	30.91 1.56 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.95 2.11 -0.37	38.14 2.26 -0.50	39.84 2.15 -0.57	45.16 2.11 -0.93	50.02 1.65 -1.29	61.72 1.56 -0.18	67.02 1.76 -0.14	66.60 1.56 0.00	52.36 0.82 0.01	47.89 1.17 0.00	42.04 1.56 -0.54	37.56 1.54 -0.17

E179THST_13_KV_LOAD 356214	36.21 2.18 -0.01	31.99 1.84 -0.01	28.46 1.64 -0.01	28.15 1.67 -0.01	27.75 1.62 0.00	28.72 1.52 0.00	30.58 1.40 0.00	30.55 1.45 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.49 2.04 -0.15	36.16 2.31 -0.37	38.35 2.48 -0.50	40.06 2.38 -0.57	45.41 2.36 -0.93	50.35 1.98 -1.29	62.08 1.92 -0.18	67.41 2.15 -0.14	66.99 1.95 0.00	52.67 1.13 0.01	48.17 1.45 0.00	42.24 1.76 -0.54	37.77 1.76 -0.17
EAST HAMPTON___GT 23717	36.51 2.48 0.00	32.28 2.14 0.00	28.64 1.82 0.00	28.22 1.75 0.00	27.85 1.72 0.00	28.80 1.60 0.00	30.64 1.46 0.00	30.96 1.86 0.00	29.87 1.56 0.00	31.29 1.94 0.00	32.12 2.60 -0.01	34.22 2.76 -0.16	36.97 3.11 -0.38	39.32 3.43 -0.51	41.00 3.30 -0.58	46.54 3.49 -0.93	51.34 2.97 -1.29	63.88 3.72 -0.18	68.90 3.64 -0.14	67.25 2.21 0.00	53.08 1.54 0.00	47.51 0.79 0.01	42.00 1.52 -0.54	37.37 1.36 -0.17
EAST RIVER___6 23660	35.90 1.87 0.00	31.68 1.54 0.00	28.18 1.37 0.00	27.88 1.40 0.00	27.46 1.33 0.00	28.53 1.33 0.00	30.46 1.28 0.00	30.47 1.37 0.00	29.70 1.39 0.00	31.00 1.64 0.00	31.28 1.77 0.00	33.37 1.91 -0.15	35.99 2.14 -0.37	38.25 2.37 -0.50	40.02 2.34 -0.57	45.53 2.48 -0.93	50.58 2.21 -1.29	62.38 2.22 -0.18	67.67 2.41 -0.14	67.25 2.21 0.00	52.98 1.44 0.00	48.22 1.49 0.00	42.08 1.60 -0.54	37.44 1.44 -0.17
EAST RIVER___7 23524	35.90 1.87 0.00	31.68 1.54 0.00	28.18 1.37 0.00	27.88 1.40 0.00	27.46 1.33 0.00	28.53 1.33 0.00	30.46 1.28 0.00	30.47 1.37 0.00	29.70 1.39 0.00	31.00 1.64 0.00	31.28 1.77 0.00	33.37 1.91 -0.15	35.99 2.14 -0.37	38.25 2.37 -0.50	40.02 2.34 -0.57	45.53 2.48 -0.93	50.58 2.21 -1.29	62.38 2.22 -0.18	67.67 2.41 -0.14	67.25 2.21 0.00	52.98 1.44 0.00	48.22 1.49 0.00	42.08 1.60 -0.54	37.44 1.44 -0.17
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.59 1.57 0.00	31.44 1.30 0.00	27.97 1.15 0.00	27.69 1.22 0.00	27.28 1.15 0.00	28.34 1.14 0.00	30.23 1.05 0.00	30.23 1.13 0.00	29.42 1.10 0.00	30.68 1.32 0.00	30.96 1.45 0.00	32.99 1.53 -0.15	35.59 1.74 -0.37	37.79 1.91 -0.50	39.54 1.86 -0.57	44.94 1.90 -0.93	50.06 1.69 -1.29	61.96 1.80 -0.18	67.28 2.02 -0.14	66.92 1.89 0.00	52.73 1.19 0.00	47.75 1.03 0.00	41.68 1.20 -0.54	37.08 1.08 -0.17
EAST_HAMPTON___DIESEL 23722	36.51 2.48 0.00	32.28 2.14 0.00	28.64 1.82 0.00	28.25 1.77 0.00	27.85 1.72 0.00	28.82 1.63 0.00	30.64 1.46 0.00	30.96 1.86 0.00	29.87 1.56 0.00	31.29 1.94 0.00	32.12 2.60 -0.01	34.22 2.76 -0.16	36.97 3.11 -0.38	39.32 3.43 -0.51	41.00 3.30 -0.58	46.54 3.49 -0.93	51.34 2.97 -1.29	63.88 3.72 -0.18	68.84 3.58 -0.14	67.25 2.21 0.00	53.08 1.54 0.00	47.46 0.75 0.01	41.96 1.48 -0.54	37.33 1.33 -0.17
EAST_POINT___SOLAR 323840	36.41 2.38 0.00	32.28 2.14 0.00	28.69 1.88 0.00	28.38 1.91 0.00	28.04 1.91 0.00	29.12 1.93 0.00	31.31 2.13 0.00	30.76 1.66 0.00	28.68 0.37 0.00	28.97 -0.38 0.00	28.83 -0.68 0.00	30.61 -0.63 0.08	32.74 -0.54 0.19	34.53 -0.60 0.25	36.38 -0.44 0.29	41.60 -0.04 0.48	46.89 0.47 0.66	62.71 2.82 0.09	70.64 5.60 0.07	70.96 5.92 0.00	56.02 4.48 0.00	50.65 3.93 0.00	42.78 3.12 0.28	38.34 2.58 0.09
EAST_PULASKI___ESR 323781	33.89 -0.14 0.00	31.10 -0.12 -1.08	26.98 -0.13 -0.30	26.37 -0.13 -0.03	26.14 -0.13 -0.14	27.47 -0.11 -0.38	30.26 -0.06 -1.14	30.17 -0.06 -1.13	28.77 -0.20 -0.65	29.76 -0.29 -0.70	29.21 -0.30 0.00	31.34 -0.31 -0.35	35.43 -0.30 -2.26	37.77 -0.32 -2.70	39.93 -0.30 -3.12	46.07 -0.21 -4.16	52.56 -0.09 -5.58	68.46 0.00 -8.48	75.06 0.26 -9.69	75.41 0.33 -10.05	58.37 0.21 -6.63	52.41 0.23 -5.45	44.31 0.04 -4.34	39.17 0.04 -3.29
EAST_RIVER___1 323558	35.83 1.80 0.00	31.65 1.51 0.00	28.13 1.31 0.00	27.85 1.38 0.00	27.44 1.31 0.00	28.50 1.31 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.67 1.36 0.00	30.94 1.58 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.96 2.11 -0.37	38.18 2.30 -0.50	39.91 2.23 -0.57	45.36 2.31 -0.93	50.44 2.07 -1.29	62.31 2.16 -0.18	67.60 2.34 -0.14	67.18 2.14 0.00	52.83 1.29 0.00	48.08 1.36 0.00	42.00 1.52 -0.54	37.37 1.36 -0.17
EAST_RIVER___2 323559	35.90 1.87 0.00	31.68 1.54 0.00	28.18 1.37 0.00	27.88 1.40 0.00	27.46 1.33 0.00	28.53 1.33 0.00	30.46 1.28 0.00	30.47 1.37 0.00	29.70 1.39 0.00	31.00 1.64 0.00	31.28 1.77 0.00	33.37 1.91 -0.15	35.99 2.14 -0.37	38.25 2.37 -0.50	40.02 2.34 -0.57	45.53 2.48 -0.93	50.58 2.21 -1.29	62.38 2.22 -0.18	67.67 2.41 -0.14	67.25 2.21 0.00	52.98 1.44 0.00	48.22 1.49 0.00	42.08 1.60 -0.54	37.44 1.44 -0.17
EAST___DELAWARE_HYD 23607	35.59 1.57 0.00	31.44 1.30 0.00	27.94 1.13 0.00	27.67 1.19 0.00	27.25 1.12 0.00	28.31 1.12 0.00	30.26 1.08 0.00	30.14 1.05 0.00	29.31 0.99 0.00	30.47 1.12 0.00	30.69 1.18 0.00	32.69 1.28 -0.10	35.19 1.47 -0.25	37.37 1.66 -0.33	39.12 1.63 -0.38	44.68 1.94 -0.62	49.96 2.02 -0.86	62.62 2.52 -0.12	68.07 2.86 -0.10	67.77 2.73 0.00	53.34 1.80 0.00	48.22 1.49 0.00	41.78 1.48 -0.36	37.13 1.18 -0.11
EIGHT_POINT___WT_PWR 323820	34.16 0.14 0.00	30.85 0.30 -0.41	27.20 0.27 -0.11	26.49 0.00 -0.01	26.42 0.23 -0.05	27.61 0.27 -0.14	30.16 0.55 -0.43	30.14 0.61 -0.43	28.99 0.43 -0.25	29.97 0.35 -0.26	29.92 0.41 0.00	31.85 0.41 -0.13	34.93 0.60 -0.85	36.97 0.56 -1.02	38.99 0.70 -1.18	44.11 0.42 -1.57	49.75 0.57 -2.11	63.48 0.30 -3.20	69.81 1.04 -3.66	69.87 1.04 -3.79	55.23 1.19 -2.50	49.81 1.03 -2.06	42.16 0.72 -1.50	38.49 1.51 -1.15
ELBRIDGE_115KV_TB2 80188	33.89 -0.14 0.00	30.89 -0.09 -0.84	26.94 -0.11 -0.23	26.37 -0.13 -0.02	26.16 -0.08 -0.11	27.41 -0.08 -0.29	30.03 -0.03 -0.88	29.97 0.00 -0.87	28.70 -0.11 -0.50	29.75 -0.15 -0.54	29.36 -0.15 0.00	31.42 -0.16 -0.27	35.15 -0.07 -1.75	37.40 -0.07 -2.09	39.45 -0.07 -2.41	45.21 -0.13 -3.22	51.39 0.00 -4.31	66.47 -0.06 -6.55	72.61 0.00 -7.49	72.87 0.07 -7.77	56.66 0.00 -5.12	50.90 -0.05 -4.22	42.99 -0.12 -3.17	38.22 -0.04 -2.41
ELEC_TRO_TEK 24086	35.62 1.60 0.00	31.50 1.36 0.00	27.97 1.15 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.08 0.90 0.00	30.29 1.19 0.00	29.33 1.02 0.00	30.71 1.35 0.00	31.24 1.71 -0.02	33.26 1.78 -0.16	35.87 2.01 -0.39	37.98 2.09 -0.51	39.74 2.04 -0.59	44.99 1.94 -0.93	49.83 1.46 -1.29	61.96 1.80 -0.18	67.21 1.95 -0.14	66.27 1.24 0.00	52.31 0.77 0.00	47.19 0.47 0.01	41.56 1.08 -0.54	37.01 1.00 -0.17
ELLENBURG_WT_PWR 323604	34.26 0.24 0.00	30.23 0.09 0.00	26.84 0.03 0.00	26.29 -0.18 0.00	25.84 -0.29 0.00	26.87 -0.33 0.00	28.89 -0.29 0.00	28.84 -0.26 0.00	28.31 0.00 0.00	29.30 -0.06 0.00	29.45 -0.06 0.00	31.18 -0.12 0.00	33.04 -0.44 0.00	34.92 -0.46 0.00	36.56 -0.56 0.00	41.61 -0.50 0.00	47.03 -0.05 0.00	60.88 0.90 0.00	66.29 1.17 0.00	66.14 1.10 0.00	52.52 0.98 0.00	47.94 1.21 0.00	41.27 1.08 -0.25	36.98 0.97 -0.18

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.82 -0.20 0.00	30.60 0.12 -0.33	27.12 0.21 -0.09	26.35 -0.13 -0.01	26.38 0.21 -0.04	27.56 0.24 -0.12	30.17 0.64 -0.35	30.17 0.73 -0.35	29.08 0.57 -0.20	30.22 0.65 -0.22	30.10 0.59 0.00	32.07 0.66 -0.11	35.04 0.87 -0.70	37.06 0.85 -0.83	39.19 1.11 -0.96	43.95 0.55 -1.28	49.04 0.24 -1.72	61.46 -1.14 -2.62	66.54 -1.56 -2.99	66.58 -1.56 -3.10	52.76 -0.82 -2.04	48.22 -0.19 -1.68	40.97 -0.20 -1.23	37.89 1.11 -0.94
EMPIRE_CC_1 323656	34.43 0.41 0.00	30.46 0.36 0.05	27.19 0.38 0.00	27.06 0.58 0.00	26.57 0.44 0.00	27.63 0.43 0.00	29.56 0.38 0.00	29.33 0.23 0.00	28.46 0.14 0.00	29.50 0.15 0.00	29.66 0.15 0.00	31.29 0.16 0.18	33.12 0.10 0.45	34.89 0.11 0.60	36.54 0.11 0.69	41.12 0.13 1.12	45.44 -0.09 1.55	59.53 -0.24 0.21	64.75 -0.19 0.17	64.91 -0.13 0.00	51.33 -0.21 0.00	46.45 -0.28 0.00	39.21 -0.08 0.65	35.57 -0.07 0.20
EMPIRE_CC_2 323658	34.43 0.41 0.00	30.46 0.36 0.05	27.19 0.38 0.00	27.06 0.58 0.00	26.57 0.44 0.00	27.63 0.43 0.00	29.56 0.38 0.00	29.33 0.23 0.00	28.46 0.14 0.00	29.50 0.15 0.00	29.66 0.15 0.00	31.29 0.16 0.18	33.12 0.10 0.45	34.89 0.11 0.60	36.54 0.11 0.69	41.12 0.13 1.12	45.44 -0.09 1.55	59.53 -0.24 0.21	64.75 -0.19 0.17	64.91 -0.13 0.00	51.33 -0.21 0.00	46.45 -0.28 0.00	39.21 -0.08 0.65	35.57 -0.07 0.20
ENORWICH_115KV_TB1 80156	35.86 1.84 0.00	32.21 1.66 -0.41	28.30 1.37 -0.11	27.92 1.43 -0.01	27.62 1.44 -0.05	28.86 1.52 -0.15	31.42 1.81 -0.43	31.30 1.77 -0.43	29.89 1.33 -0.25	30.59 0.97 -0.27	30.39 0.89 0.00	32.32 0.88 -0.13	35.27 0.94 -0.86	37.40 0.99 -1.03	39.53 1.22 -1.19	45.51 1.81 -1.58	51.84 2.64 -2.12	67.29 4.08 -3.23	74.01 5.21 -3.69	74.20 5.33 -3.83	58.19 4.12 -2.52	52.21 3.41 -2.08	44.05 2.60 -1.51	39.43 2.44 -1.16
ERIE_ST__34_KV_TB1-2 80199	33.85 -0.17 0.00	30.54 0.06 -0.34	27.04 0.13 -0.09	26.30 -0.19 -0.01	26.33 0.16 -0.04	27.50 0.19 -0.12	30.09 0.55 -0.36	30.00 0.55 -0.35	28.94 0.42 -0.20	30.10 0.53 -0.22	30.01 0.50 0.00	31.98 0.56 -0.11	34.98 0.80 -0.71	37.04 0.81 -0.85	39.17 1.08 -0.98	43.97 0.55 -1.30	49.16 0.33 -1.75	61.80 -0.84 -2.66	67.04 -1.11 -3.04	67.08 -1.11 -3.15	53.10 -0.52 -2.08	48.15 -0.28 -1.71	40.94 -0.24 -1.25	37.83 1.04 -0.95
ERIE_WT_PWR 323693	33.96 -0.07 0.00	30.66 0.18 -0.34	27.18 0.27 -0.09	26.43 -0.05 -0.01	26.46 0.29 -0.04	27.61 0.30 -0.12	30.23 0.70 -0.36	30.24 0.79 -0.35	29.14 0.62 -0.20	30.28 0.70 -0.22	30.33 0.83 0.00	32.14 0.72 -0.11	35.22 1.04 -0.71	37.18 0.96 -0.85	39.31 1.22 -0.98	44.13 0.72 -1.30	49.30 0.47 -1.74	61.85 -0.78 -2.65	67.23 -0.91 -3.03	67.08 -1.11 -3.14	53.36 -0.26 -2.07	48.43 0.00 -1.71	41.18 0.00 -1.24	38.04 1.25 -0.95
ESPRGFLD_115KV_TB1 80157	35.86 1.84 0.00	31.84 1.60 -0.10	28.24 1.39 -0.03	27.88 1.40 0.00	27.55 1.41 -0.01	28.67 1.44 -0.03	30.86 1.58 -0.10	30.68 1.48 -0.10	29.39 1.02 -0.06	30.18 0.76 -0.06	30.16 0.65 0.00	31.95 0.66 0.01	34.34 0.77 -0.10	36.30 0.81 -0.10	38.24 1.00 -0.12	43.62 1.39 -0.11	49.01 1.79 -0.14	63.64 2.94 -0.72	69.99 4.04 -0.84	70.05 4.10 -0.91	55.28 3.14 -0.60	49.98 2.76 -0.49	42.38 2.24 -0.20	38.00 1.94 -0.23
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.60 0.58 0.00	31.22 0.54 -0.54	27.42 0.46 -0.15	26.86 0.37 -0.01	26.64 0.44 -0.07	27.87 0.49 -0.19	30.33 0.58 -0.57	30.27 0.61 -0.56	29.06 0.42 -0.32	30.06 0.35 -0.35	29.80 0.30 0.00	31.79 0.31 -0.17	35.03 0.44 -1.12	37.19 0.46 -1.34	39.19 0.52 -1.55	44.82 0.63 -2.07	50.75 0.89 -2.77	65.40 1.20 -4.22	71.56 1.63 -4.82	71.73 1.69 -5.00	56.07 1.24 -3.30	50.42 0.98 -2.71	42.63 0.72 -1.98	38.14 0.79 -1.51
ETNA____115KV_TB2 80207	34.60 0.58 0.00	31.22 0.54 -0.54	27.42 0.46 -0.15	26.86 0.37 -0.01	26.64 0.44 -0.07	27.87 0.49 -0.19	30.33 0.58 -0.57	30.27 0.61 -0.56	29.06 0.42 -0.32	30.06 0.35 -0.35	29.80 0.30 0.00	31.79 0.31 -0.17	35.03 0.44 -1.12	37.19 0.46 -1.34	39.19 0.52 -1.55	44.82 0.63 -2.07	50.75 0.89 -2.77	65.40 1.20 -4.22	71.56 1.63 -4.82	71.73 1.69 -5.00	56.07 1.24 -3.30	50.42 0.98 -2.71	42.63 0.72 -1.98	38.14 0.79 -1.51
EUCLID__115KV_TB2 356179	33.75 -0.27 0.00	30.45 -0.21 -0.52	26.75 -0.21 -0.14	26.25 -0.24 -0.01	26.01 -0.18 -0.07	27.19 -0.19 -0.18	29.58 -0.15 -0.55	29.50 -0.15 -0.54	28.40 -0.23 -0.31	29.46 -0.23 -0.34	29.24 -0.27 0.00	31.23 -0.25 -0.17	34.36 -0.20 -1.09	36.44 -0.25 -1.31	38.36 -0.26 -1.51	43.83 -0.29 -2.01	49.49 -0.28 -2.70	63.66 -0.42 -4.10	69.41 -0.39 -4.68	69.57 -0.33 -4.86	54.43 -0.31 -3.20	49.03 -0.33 -2.64	41.63 -0.36 -2.05	37.18 -0.22 -1.56
E_CANADA_CAP_HY 24051	36.24 2.21 0.00	32.10 1.96 0.00	28.53 1.72 0.00	28.22 1.75 0.00	27.88 1.75 0.00	28.96 1.77 0.00	31.13 1.96 0.00	30.84 1.75 0.00	29.31 0.99 0.00	29.88 0.53 0.00	29.80 0.30 0.00	31.55 0.31 0.07	33.71 0.40 0.17	35.55 0.39 0.22	37.49 0.63 0.26	42.83 1.14 0.42	48.10 1.60 0.58	63.20 3.30 0.08	69.94 4.89 0.07	70.05 5.01 0.00	55.35 3.81 0.00	50.18 3.46 0.00	42.49 2.79 0.25	38.13 2.36 0.08
E_CANADA_MHWK_HY 24050	33.41 -0.61 0.00	29.57 -0.57 0.00	26.25 -0.56 0.00	26.00 -0.48 0.00	25.63 -0.50 0.00	26.65 -0.54 0.00	28.59 -0.58 0.00	28.49 -0.61 0.00	27.61 -0.71 0.00	28.56 -0.79 0.00	28.71 -0.80 0.00	30.40 -0.91 0.00	32.37 -1.10 0.00	34.07 -1.31 0.00	35.70 -1.41 0.00	40.60 -1.51 0.00	45.34 -1.74 0.00	58.00 -1.98 0.00	63.22 -1.89 0.00	63.29 -1.75 0.00	50.20 -1.34 0.00	45.60 -1.12 0.00	39.16 -0.88 -0.10	35.16 -0.75 -0.07
E_FISHKILL__LBMP 23776	35.28 1.26 0.00	31.16 1.02 0.00	27.75 0.94 0.00	27.51 1.03 0.00	27.07 0.94 0.00	28.15 0.95 0.00	30.02 0.85 0.00	29.97 0.87 0.00	29.16 0.85 0.00	30.38 1.03 0.00	30.63 1.12 0.00	32.65 1.19 -0.15	35.19 1.34 -0.38	37.37 1.49 -0.50	39.10 1.41 -0.58	44.54 1.47 -0.95	49.61 1.22 -1.31	61.42 1.26 -0.18	66.69 1.43 -0.15	66.34 1.30 0.00	52.31 0.77 0.00	47.43 0.70 0.00	41.37 0.88 -0.55	36.76 0.75 -0.17
FALCON__SEABRD_CC1 323796	34.74 0.72 0.00	30.59 0.45 0.00	27.14 0.32 0.00	26.50 0.03 0.00	26.03 -0.10 0.00	27.03 -0.16 0.00	29.06 -0.12 0.00	29.04 -0.06 0.00	28.54 0.23 0.00	29.56 0.21 0.00	29.72 0.21 0.00	31.47 0.16 0.00	33.17 -0.30 0.00	35.10 -0.28 0.00	36.74 -0.37 0.00	41.87 -0.25 0.00	47.46 0.37 0.00	61.72 1.74 0.00	67.33 2.22 0.00	67.12 2.08 0.00	53.29 1.75 0.00	48.69 1.96 0.00	42.02 1.76 -0.33	37.69 1.61 -0.23
FALCON__SEABRD_CC2 323797	34.74 0.72 0.00	30.59 0.45 0.00	27.14 0.32 0.00	26.50 0.03 0.00	26.03 -0.10 0.00	27.03 -0.16 0.00	29.06 -0.12 0.00	29.04 -0.06 0.00	28.54 0.23 0.00	29.56 0.21 0.00	29.72 0.21 0.00	31.47 0.16 0.00	33.17 -0.30 0.00	35.10 -0.28 0.00	36.74 -0.37 0.00	41.87 -0.25 0.00	47.46 0.37 0.00	61.72 1.74 0.00	67.33 2.22 0.00	67.12 2.08 0.00	53.29 1.75 0.00	48.69 1.96 0.00	42.02 1.76 -0.33	37.69 1.61 -0.23

FAR ROCKAWAY___4 23548	36.10 2.08 0.00	31.92 1.78 0.00	28.34 1.53 0.00	27.96 1.48 0.00	27.57 1.44 0.00	28.55 1.36 0.00	30.43 1.25 0.00	30.67 1.57 0.00	29.67 1.36 0.00	31.09 1.73 0.00	31.71 2.18 -0.01	33.76 2.29 -0.16	36.40 2.54 -0.39	38.55 2.65 -0.51	40.37 2.67 -0.58	45.74 2.70 -0.93	50.72 2.35 -1.29	63.10 2.94 -0.18	68.52 3.26 -0.14	67.45 2.41 0.00	53.24 1.70 0.00	47.98 1.26 0.01	42.20 1.72 -0.54	37.51 1.51 -0.17
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.03 2.01 0.00	31.65 1.51 0.00	28.13 1.31 0.00	27.83 1.35 0.00	27.44 1.31 0.00	28.50 1.31 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.65 1.33 0.00	30.94 1.59 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.95 2.11 -0.37	38.14 2.26 -0.50	39.91 2.23 -0.57	45.37 2.32 -0.93	50.39 2.02 -1.29	62.26 2.10 -0.18	68.19 2.93 -0.14	67.19 2.15 0.00	52.88 1.34 0.00	48.08 1.36 0.00	42.00 1.52 -0.54	37.37 1.36 -0.17
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.86 1.84 0.00	31.65 1.51 0.00	28.13 1.31 0.00	27.83 1.35 0.00	27.44 1.31 0.00	28.50 1.31 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.67 1.36 0.00	30.94 1.59 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.95 2.11 -0.37	38.14 2.26 -0.50	39.91 2.23 -0.57	45.37 2.32 -0.93	50.39 2.02 -1.29	62.26 2.10 -0.18	67.67 2.41 -0.14	67.19 2.15 0.00	52.88 1.34 0.00	48.08 1.36 0.00	42.00 1.52 -0.54	37.37 1.36 -0.17
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.79 1.77 0.00	31.62 1.48 0.00	28.13 1.31 0.00	27.83 1.35 0.00	27.41 1.28 0.00	28.47 1.28 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.65 1.33 0.00	30.91 1.56 0.00	31.25 1.74 0.00	33.30 1.85 -0.15	35.92 2.08 -0.37	38.11 2.23 -0.50	39.87 2.19 -0.57	45.32 2.27 -0.93	50.35 1.98 -1.29	62.20 2.04 -0.18	67.54 2.28 -0.14	67.12 2.08 0.00	52.83 1.29 0.00	48.03 1.31 0.00	41.96 1.48 -0.54	37.33 1.33 -0.17
FARRAGUT___LBMP 323566	35.79 1.77 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.47 1.28 0.00	30.37 1.20 0.00	30.41 1.31 0.00	29.62 1.30 0.00	30.88 1.53 0.00	31.22 1.71 0.00	33.27 1.82 0.00	35.92 2.08 0.00	38.11 2.23 0.00	39.84 2.15 -0.57	45.28 2.23 -0.93	50.30 1.93 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.78 1.24 0.00	47.99 1.26 0.00	41.92 1.44 -0.54	37.30 1.29 -0.17
FENNER___WINDPWR 24204	34.67 0.64 0.00	31.12 0.57 -0.41	27.38 0.46 -0.11	26.96 0.48 -0.01	26.65 0.47 -0.05	27.85 0.52 -0.14	30.19 0.58 -0.43	30.11 0.58 -0.43	28.96 0.40 -0.25	29.92 0.29 -0.27	29.80 0.30 0.00	31.75 0.31 -0.13	34.70 0.37 -0.86	36.76 0.35 -1.03	38.78 0.48 -1.19	44.41 0.72 -1.58	50.24 1.03 -2.12	64.76 1.56 -3.22	70.75 1.95 -3.68	70.88 2.02 -3.82	55.60 1.54 -2.52	50.06 1.26 -2.07	42.58 0.92 -1.72	37.97 0.82 -1.30
FIBERTEK___ENERGY 23856	34.03 0.00 0.00	30.98 0.03 -0.81	27.04 0.00 -0.22	26.44 -0.05 -0.02	26.23 0.00 -0.10	27.50 0.03 -0.28	30.09 0.06 -0.85	30.03 0.09 -0.84	28.77 -0.03 -0.49	29.85 -0.03 -0.52	29.45 -0.06 0.00	31.54 -0.03 -0.26	35.23 0.07 -1.69	37.43 0.04 -2.02	39.52 0.07 -2.33	45.26 0.04 -3.10	51.43 0.19 -4.16	66.55 0.24 -6.33	72.74 0.39 -7.23	72.93 0.39 -7.50	56.74 0.26 -4.95	50.98 0.19 -4.07	43.05 0.04 -3.07	38.29 0.11 -2.34
FITZPATRICK___ 23598	33.21 -0.82 0.00	25.01 -0.72 4.40	24.95 -0.64 1.22	25.70 -0.66 0.12	24.94 -0.63 0.57	25.02 -0.62 1.55	23.91 -0.64 4.63	23.88 -0.64 4.58	24.99 -0.68 2.64	25.80 -0.70 2.85	28.80 -0.71 0.00	29.14 -0.75 1.42	23.52 -0.77 9.18	23.58 -0.81 10.99	23.59 -0.85 12.67	24.25 -0.97 16.90	23.38 -1.04 22.67	24.15 -1.38 34.45	24.31 -1.43 39.37	22.77 -1.43 40.84	23.48 -1.13 26.93	23.49 -1.07 22.16	22.83 -0.96 16.15	22.72 -0.79 12.33
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.76 1.74 0.00	31.56 1.42 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.41 1.28 0.00	28.47 1.28 0.00	30.37 1.20 0.00	30.26 1.16 0.00	29.45 1.13 0.00	30.68 1.32 0.00	30.93 1.42 0.00	32.96 1.53 -0.12	35.54 1.77 -0.29	37.72 1.95 -0.39	39.49 1.93 -0.45	45.00 2.15 -0.73	50.21 2.12 -1.01	62.64 2.52 -0.14	68.09 2.87 -0.11	67.77 2.73 0.00	53.34 1.80 0.00	48.27 1.54 0.00	41.92 1.56 -0.43	37.26 1.29 -0.13
FORT ORANGE___ 23900	34.20 0.17 0.00	30.23 0.12 0.03	27.00 0.19 0.00	26.82 0.34 0.00	26.36 0.23 0.00	27.44 0.24 0.00	29.35 0.18 0.00	29.16 0.06 0.00	28.26 -0.06 0.00	29.27 -0.09 0.00	29.39 -0.12 0.00	31.12 -0.09 0.09	33.17 -0.07 0.23	34.96 -0.11 0.31	36.61 -0.15 0.36	41.49 -0.04 0.58	46.13 -0.14 0.81	59.75 -0.12 0.11	65.09 0.07 0.09	64.97 -0.06 0.00	51.39 -0.15 0.00	46.45 -0.28 0.00	39.52 -0.08 0.34	35.56 -0.18 0.10
FORT_DRUM_COGEN 23780	34.71 0.68 0.00	31.26 0.54 -0.57	27.38 0.40 -0.16	26.91 0.42 -0.02	26.60 0.39 -0.07	27.83 0.44 -0.20	30.36 0.58 -0.60	30.22 0.52 -0.60	28.86 0.20 -0.34	29.67 -0.06 -0.37	29.42 -0.09 0.00	31.37 -0.13 -0.18	34.47 -0.20 -1.19	36.60 -0.21 -1.43	38.69 -0.07 -1.65	44.82 0.51 -2.20	51.07 1.04 -2.95	66.50 2.04 -4.48	73.17 2.93 -5.12	73.47 3.12 -5.31	57.41 2.37 -3.50	51.76 2.15 -2.88	44.75 1.56 -3.26	39.55 1.29 -2.42
FOX_HILLS___ESR 323835	36.17 2.14 0.00	31.95 1.81 0.00	28.45 1.64 0.00	28.14 1.67 0.00	27.72 1.59 0.00	28.77 1.58 0.00	30.61 1.43 0.00	30.58 1.48 0.00	29.70 1.39 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.52 2.07 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.84 2.15 -0.57	42.39 1.73 1.45	42.26 1.41 6.23	43.71 0.96 17.23	51.10 1.17 15.19	52.11 0.98 13.91	43.34 0.41 8.61	41.86 0.70 5.56	40.95 1.00 -0.01	37.59 1.58 -0.17
FPL_FAR_ROCK_GT1 24212	36.10 2.08 0.00	31.92 1.78 0.00	28.34 1.53 0.00	27.98 1.51 0.00	27.57 1.44 0.00	28.55 1.36 0.00	30.43 1.25 0.00	30.55 1.45 0.00	29.67 1.36 0.00	31.09 1.73 0.00	31.68 2.15 -0.01	33.75 2.28 -0.16	36.37 2.51 -0.39	38.55 2.65 -0.51	40.37 2.67 -0.58	45.75 2.70 -0.93	50.72 2.35 -1.29	63.10 2.94 -0.18	68.32 3.06 -0.14	67.31 2.28 0.00	53.14 1.60 0.00	47.98 1.26 0.01	42.20 1.72 -0.54	37.51 1.51 -0.17
FPL_FAR_ROCK_GT2 23815	36.10 2.08 0.00	31.92 1.78 0.00	28.34 1.53 0.00	27.98 1.51 0.00	27.57 1.44 0.00	28.55 1.36 0.00	30.43 1.25 0.00	30.55 1.45 0.00	29.67 1.36 0.00	31.09 1.73 0.00	31.68 2.15 -0.01	33.75 2.28 -0.16	36.37 2.51 -0.39	38.55 2.65 -0.51	40.37 2.67 -0.58	45.75 2.70 -0.93	50.72 2.35 -1.29	63.10 2.94 -0.18	68.32 3.06 -0.14	67.31 2.28 0.00	53.14 1.60 0.00	47.98 1.26 0.01	42.20 1.72 -0.54	37.51 1.51 -0.17
FRANKLIN_FALL_HYD 24054	34.64 0.61 0.00	30.59 0.45 0.00	27.19 0.38 0.00	26.63 0.16 0.00	26.21 0.08 0.00	27.33 0.14 0.00	29.44 0.26 0.00	29.42 0.32 0.00	28.82 0.51 0.00	29.80 0.44 0.00	29.98 0.47 0.00	31.75 0.44 0.00	33.54 0.07 0.00	35.49 0.11 0.00	37.19 0.07 0.00	42.33 0.21 0.00	47.79 0.71 0.00	61.84 1.86 0.00	67.33 2.21 0.00	67.06 2.02 0.00	53.24 1.70 0.00	48.60 1.87 0.00	43.10 1.60 -1.57	38.35 1.40 -1.11

FREEPORT_EQUS_GT1 23764	35.79 1.77 0.00	31.68 1.54 0.00	28.10 1.29 0.00	27.75 1.27 0.00	27.33 1.20 0.00	28.34 1.14 0.00	30.17 0.99 0.00	30.32 1.22 0.00	29.45 1.13 0.00	30.82 1.47 0.00	31.41 1.89 -0.01	33.44 1.97 -0.16	36.03 2.17 -0.39	38.22 2.33 -0.51	39.96 2.26 -0.58	45.24 2.19 -0.93	50.11 1.74 -1.29	62.31 2.16 -0.18	67.47 2.22 -0.14	66.47 1.43 0.00	52.47 0.93 0.00	47.33 0.61 0.01	41.76 1.28 -0.54	37.15 1.15 -0.17
FREEPORT___CT2 23818	35.79 1.77 0.00	31.68 1.54 0.00	28.10 1.29 0.00	27.75 1.27 0.00	27.33 1.20 0.00	28.34 1.14 0.00	30.17 0.99 0.00	30.32 1.22 0.00	29.45 1.13 0.00	30.82 1.47 0.00	31.41 1.89 -0.01	33.44 1.97 -0.16	36.03 2.17 -0.39	38.22 2.33 -0.51	39.96 2.26 -0.58	45.24 2.19 -0.93	50.11 1.74 -1.29	62.31 2.16 -0.18	67.47 2.22 -0.14	66.47 1.43 0.00	52.47 0.93 0.00	47.33 0.61 0.01	41.76 1.28 -0.54	37.15 1.15 -0.17
FRESHKLS_33_KV_LOAD 356253	36.27 2.25 0.00	32.07 1.93 0.00	28.53 1.72 0.00	28.22 1.75 0.00	27.83 1.70 0.00	28.88 1.69 0.00	30.69 1.52 0.00	30.67 1.57 0.00	29.79 1.47 0.00	31.12 1.76 0.00	31.49 1.98 0.00	33.62 2.16 -0.15	36.32 2.48 -0.37	38.53 2.65 -0.50	39.87 2.19 -0.57	42.31 1.64 1.45	42.22 1.37 6.23	43.65 0.90 17.23	50.97 1.04 15.19	51.98 0.85 13.91	43.24 0.31 8.61	41.77 0.61 5.56	40.87 0.92 -0.01	37.66 1.65 -0.17
FULTON COGEN____ 23766	33.85 -0.17 0.00	30.48 -0.15 -0.49	26.82 -0.13 -0.14	26.30 -0.19 -0.01	26.06 -0.13 -0.06	27.23 -0.14 -0.17	29.60 -0.09 -0.51	29.55 -0.06 -0.51	28.44 -0.17 -0.29	29.47 -0.21 -0.32	29.27 -0.24 0.00	31.25 -0.22 -0.16	34.36 -0.13 -1.02	36.42 -0.18 -1.22	38.33 -0.19 -1.41	43.78 -0.21 -1.88	49.50 -0.09 -2.52	63.62 -0.18 -3.82	69.42 -0.07 -4.37	69.51 -0.07 -4.53	54.42 -0.10 -2.99	49.04 -0.14 -2.46	41.62 -0.24 -1.92	37.16 -0.14 -1.46
FULTON___LFGE 323630	36.03 2.01 0.00	31.95 1.81 0.00	28.40 1.58 0.00	28.09 1.62 0.00	27.75 1.62 0.00	28.82 1.63 0.00	30.96 1.78 0.00	30.70 1.60 0.00	29.16 0.85 0.00	29.68 0.32 0.00	29.51 0.00 0.00	31.17 -0.06 0.08	33.21 -0.07 0.20	35.05 -0.07 0.26	37.00 0.19 0.30	42.39 0.76 0.49	47.82 1.41 0.68	63.00 3.12 0.09	69.73 4.69 0.08	69.85 4.81 0.00	55.20 3.66 0.00	49.95 3.22 0.00	42.25 2.59 0.28	37.87 2.11 0.09
G.F.CEMENT___DRP 24184	35.18 1.16 0.00	31.29 1.12 -0.03	27.78 0.97 0.00	27.56 1.09 0.00	27.17 1.05 0.00	28.23 1.03 0.00	30.29 1.11 0.00	30.12 1.02 0.00	29.05 0.74 0.00	29.91 0.56 0.00	29.95 0.44 0.00	31.62 0.44 0.13	33.59 0.44 0.32	35.28 0.32 0.42	37.19 0.56 0.48	42.21 0.88 0.79	47.21 1.22 1.10	61.93 2.10 0.15	67.99 3.00 0.12	68.10 3.06 0.00	53.76 2.22 0.00	48.55 1.82 0.00	40.92 1.44 0.46	36.81 1.11 0.14
GARDENVILLE___LBMP 24039	33.89 -0.14 0.00	30.58 0.09 -0.35	27.10 0.19 -0.10	26.33 -0.16 -0.01	26.36 0.18 -0.04	27.53 0.22 -0.12	30.15 0.61 -0.36	30.13 0.67 -0.36	29.00 0.48 -0.21	30.14 0.56 -0.22	30.01 0.50 0.00	31.98 0.56 -0.11	34.96 0.77 -0.72	36.99 0.74 -0.86	39.15 1.04 -1.00	43.91 0.46 -1.33	49.10 0.24 -1.78	61.67 -1.02 -2.71	66.84 -1.37 -3.10	66.95 -1.30 -3.21	52.99 -0.67 -2.12	48.33 -0.14 -1.74	41.05 -0.16 -1.27	37.92 1.11 -0.97
GARDNVLA_35_KV_LD 355827	34.03 0.00 0.00	30.75 0.27 -0.34	27.23 0.32 -0.09	26.46 -0.03 -0.01	26.51 0.34 -0.04	27.67 0.35 -0.12	30.29 0.76 -0.35	30.29 0.84 -0.35	29.20 0.68 -0.20	30.37 0.79 -0.22	30.28 0.77 0.00	32.26 0.85 -0.11	35.28 1.10 -0.70	37.32 1.10 -0.84	39.46 1.37 -0.97	44.30 0.88 -1.30	49.48 0.66 -1.74	62.14 -0.48 -2.64	67.29 -0.85 -3.02	67.32 -0.85 -3.13	53.35 -0.26 -2.06	48.61 0.19 -1.70	41.30 0.12 -1.24	38.11 1.33 -0.95
GELCKHM___115KV_LOAD 80723	33.85 -0.17 0.00	30.65 -0.12 -0.63	26.85 -0.13 -0.17	26.33 -0.16 -0.02	26.11 -0.10 -0.08	27.30 -0.11 -0.22	29.75 -0.09 -0.66	29.69 -0.06 -0.65	28.55 -0.14 -0.38	29.58 -0.18 -0.41	29.33 -0.18 0.00	31.35 -0.16 -0.20	34.68 -0.10 -1.31	36.84 -0.11 -1.56	38.81 -0.11 -1.80	44.35 -0.17 -2.40	50.21 -0.09 -3.22	64.70 -0.18 -4.90	70.65 -0.07 -5.60	70.78 -0.07 -5.81	55.27 -0.10 -3.83	49.74 -0.14 -3.15	42.15 -0.20 -2.42	37.57 -0.11 -1.84
GENERAL___MILLS 23808	33.96 -0.07 0.00	30.66 0.18 -0.34	27.15 0.24 -0.09	26.41 -0.08 -0.01	26.43 0.26 -0.04	27.61 0.30 -0.12	30.23 0.70 -0.36	30.21 0.76 -0.35	29.11 0.59 -0.20	30.25 0.68 -0.22	30.16 0.65 0.00	32.14 0.72 -0.11	35.12 0.94 -0.71	37.15 0.92 -0.85	39.31 1.22 -0.98	44.09 0.67 -1.30	49.25 0.42 -1.74	61.79 -0.84 -2.65	66.97 -1.17 -3.03	67.01 -1.17 -3.14	53.10 -0.52 -2.07	48.43 0.00 -1.71	41.14 -0.04 -1.24	37.97 1.18 -0.95
GE_PLASTICS___DRP 24183	33.92 -0.10 0.00	30.00 -0.12 0.02	26.76 -0.05 0.00	26.56 0.08 0.00	26.13 0.00 0.00	27.19 0.00 0.00	29.09 -0.09 0.00	28.92 -0.17 0.00	28.09 -0.23 0.00	29.12 -0.23 0.00	29.27 -0.24 0.00	30.99 -0.25 0.07	33.06 -0.23 0.17	34.87 -0.28 0.23	36.51 -0.33 0.27	41.35 -0.34 0.43	45.87 -0.61 0.60	59.06 -0.84 0.08	64.27 -0.78 0.07	64.19 -0.85 0.00	50.82 -0.72 0.00	45.98 -0.75 0.00	39.25 -0.44 0.25	35.30 -0.47 0.08
GILBOA___1 23756	34.64 0.61 0.00	30.65 0.51 0.00	27.27 0.46 0.00	27.03 0.56 0.00	26.62 0.50 0.00	27.68 0.49 0.00	29.62 0.44 0.00	29.54 0.44 0.00	28.68 0.37 0.00	29.77 0.41 0.00	29.92 0.41 0.00	31.78 0.44 -0.03	34.06 0.50 -0.08	36.05 0.56 -0.11	37.80 0.56 -0.12	42.91 0.59 -0.20	47.83 0.47 -0.28	60.32 0.30 -0.04	65.41 0.26 -0.03	65.23 0.20 0.00	51.75 0.21 0.00	46.96 0.23 0.00	40.37 0.32 -0.12	36.16 0.29 -0.04
GILBOA___2 23757	34.64 0.61 0.00	30.65 0.51 0.00	27.27 0.46 0.00	27.03 0.56 0.00	26.62 0.50 0.00	27.68 0.49 0.00	29.62 0.44 0.00	29.54 0.44 0.00	28.68 0.37 0.00	29.77 0.41 0.00	29.92 0.41 0.00	31.78 0.44 -0.03	34.06 0.50 -0.08	36.05 0.56 -0.11	37.80 0.56 -0.12	42.91 0.59 -0.20	47.83 0.47 -0.28	60.32 0.30 -0.04	65.41 0.26 -0.03	65.23 0.20 0.00	51.75 0.21 0.00	46.96 0.23 0.00	40.37 0.32 -0.12	36.16 0.29 -0.04
GILBOA___3 23758	34.64 0.61 0.00	30.65 0.51 0.00	27.27 0.46 0.00	27.03 0.56 0.00	26.62 0.50 0.00	27.68 0.49 0.00	29.62 0.44 0.00	29.54 0.44 0.00	28.68 0.37 0.00	29.77 0.41 0.00	29.92 0.41 0.00	31.78 0.44 -0.03	34.06 0.50 -0.08	36.05 0.56 -0.11	37.80 0.56 -0.12	42.91 0.59 -0.20	47.83 0.47 -0.28	60.32 0.30 -0.04	65.41 0.26 -0.03	65.23 0.20 0.00	51.75 0.21 0.00	46.96 0.23 0.00	40.37 0.32 -0.12	36.16 0.29 -0.04
GILBOA___4 23759	34.64 0.61 0.00	30.65 0.51 0.00	27.27 0.46 0.00	27.03 0.56 0.00	26.62 0.50 0.00	27.68 0.49 0.00	29.62 0.44 0.00	29.54 0.44 0.00	28.68 0.37 0.00	29.77 0.41 0.00	29.92 0.41 0.00	31.78 0.44 -0.03	34.06 0.50 -0.08	36.05 0.56 -0.11	37.80 0.56 -0.12	42.91 0.59 -0.20	47.83 0.47 -0.28	60.32 0.30 -0.04	65.41 0.26 -0.03	65.23 0.20 0.00	51.75 0.21 0.00	46.96 0.23 0.00	40.37 0.32 -0.12	36.16 0.29 -0.04

GILBOA____ 23599	34.64 0.61 0.00	30.65 0.51 0.00	27.27 0.46 0.00	27.01 0.53 0.00	26.63 0.50 0.00	27.68 0.49 0.00	29.62 0.44 0.00	29.53 0.44 0.00	28.68 0.37 0.00	29.77 0.41 0.00	29.95 0.44 0.00	31.78 0.44 -0.03	34.09 0.54 -0.08	36.05 0.57 -0.11	37.79 0.56 -0.12	42.91 0.59 -0.20	47.83 0.47 -0.28	60.32 0.30 -0.04	65.41 0.26 -0.03	65.23 0.20 0.00	51.75 0.21 0.00	46.96 0.23 0.00	40.38 0.32 -0.12	36.16 0.29 -0.04
GINNA____ 23603	32.56 -1.46 0.00	29.24 -1.24 -0.34	25.81 -1.10 -0.09	25.29 -1.19 -0.01	25.13 -1.05 -0.04	26.22 -1.09 -0.12	28.54 -0.99 -0.36	28.58 -0.87 -0.35	27.47 -1.05 -0.20	28.55 -1.03 -0.22	28.48 -1.03 0.00	30.32 -1.10 -0.11	33.17 -1.00 -0.71	35.13 -1.10 -0.84	37.01 -1.08 -0.97	41.98 -1.43 -1.30	47.55 -1.27 -1.74	60.59 -2.04 -2.65	65.93 -2.21 -3.02	65.96 -2.21 -3.14	51.91 -1.70 -2.07	46.98 -1.45 -1.70	39.74 -1.44 -1.24	35.86 -0.93 -0.95
GLEN PARK____ 23778	34.88 0.85 0.00	31.43 0.69 -0.60	27.49 0.51 -0.17	27.07 0.58 -0.02	26.73 0.52 -0.08	27.98 0.57 -0.21	30.57 0.76 -0.63	30.39 0.67 -0.62	28.99 0.31 -0.36	29.77 0.03 -0.39	29.51 0.00 0.00	31.44 -0.06 -0.19	34.62 -0.10 -1.25	36.74 -0.14 -1.50	38.88 0.04 -1.73	45.09 0.67 -2.30	51.44 1.27 -3.09	67.08 2.40 -4.70	73.87 3.38 -5.37	74.18 3.57 -5.57	57.99 2.78 -3.67	52.18 2.43 -3.02	44.99 1.76 -3.30	39.77 1.47 -2.46
GLENDALE_27_KV_LOAD 356172	36.03 2.01 0.00	31.83 1.69 0.00	28.32 1.50 0.00	28.01 1.54 0.00	27.62 1.49 0.00	28.66 1.47 0.00	30.55 1.37 0.00	30.58 1.48 0.00	29.79 1.47 0.00	31.09 1.73 0.00	31.43 1.92 0.00	33.49 2.04 -0.15	36.16 2.31 -0.37	38.35 2.48 -0.50	40.06 2.38 -0.57	45.41 2.36 -0.93	50.44 2.07 -1.29	62.20 2.04 -0.18	67.54 2.28 -0.14	67.12 2.08 0.00	52.77 1.24 0.01	48.13 1.40 0.00	42.12 1.64 -0.54	37.59 1.58 -0.17
GLENWOOD_IC_1_G5 23712	35.79 1.77 0.00	31.62 1.48 0.00	28.10 1.29 0.00	27.77 1.30 0.00	27.38 1.25 0.00	28.39 1.20 0.00	30.29 1.11 0.00	30.41 1.31 0.00	29.50 1.19 0.00	30.85 1.50 0.00	31.32 1.80 -0.02	33.38 1.91 -0.16	36.00 2.14 -0.39	38.16 2.26 -0.51	39.96 2.26 -0.59	45.28 2.23 -0.93	49.92 1.55 -1.29	61.96 1.80 -0.18	67.28 2.02 -0.14	66.53 1.50 0.00	52.42 0.88 0.00	47.38 0.65 0.00	41.88 1.40 -0.54	37.23 1.22 -0.17
GLENWOOD_IC_2_G1 23688	35.66 1.63 0.00	31.53 1.39 0.00	28.02 1.21 0.00	27.72 1.24 0.00	27.31 1.18 0.00	28.34 1.14 0.00	30.23 1.05 0.00	30.26 1.17 0.00	29.45 1.13 0.00	30.74 1.38 0.00	31.13 1.62 0.00	33.18 1.72 -0.15	35.79 1.94 -0.37	37.97 2.09 -0.50	39.73 2.04 -0.57	45.07 2.02 -0.93	50.06 1.69 -1.29	62.02 1.86 -0.18	67.28 2.02 -0.14	66.67 1.63 0.00	52.57 1.03 0.00	47.61 0.89 0.00	41.76 1.28 -0.54	37.12 1.11 -0.17
GLENWOOD_IC_3_G1 23689	35.66 1.63 0.00	31.53 1.39 0.00	28.02 1.21 0.00	27.72 1.24 0.00	27.31 1.18 0.00	28.34 1.14 0.00	30.23 1.05 0.00	30.26 1.17 0.00	29.45 1.13 0.00	30.74 1.38 0.00	31.13 1.62 0.00	33.18 1.72 -0.15	35.79 1.94 -0.37	37.97 2.09 -0.50	39.73 2.04 -0.57	45.07 2.02 -0.93	50.06 1.69 -1.29	62.02 1.86 -0.18	67.28 2.02 -0.14	66.67 1.63 0.00	52.57 1.03 0.00	47.61 0.89 0.00	41.76 1.28 -0.54	37.12 1.11 -0.17
GLENWOOD____4 23550	35.79 1.77 0.00	31.62 1.48 0.00	28.10 1.29 0.00	27.77 1.30 0.00	27.38 1.25 0.00	28.39 1.20 0.00	30.29 1.11 0.00	30.41 1.31 0.00	29.50 1.19 0.00	30.85 1.50 0.00	31.32 1.80 -0.02	33.38 1.91 -0.16	36.00 2.14 -0.39	38.16 2.26 -0.51	39.96 2.26 -0.59	45.28 2.23 -0.93	50.07 1.69 -1.29	62.08 1.92 -0.18	67.41 2.15 -0.14	66.66 1.63 0.00	52.57 1.03 0.00	47.52 0.79 0.00	41.88 1.40 -0.54	37.23 1.22 -0.17
GLENWOOD____5 23614	35.79 1.77 0.00	31.62 1.48 0.00	28.10 1.29 0.00	27.77 1.30 0.00	27.38 1.25 0.00	28.39 1.20 0.00	30.29 1.11 0.00	30.41 1.31 0.00	29.50 1.19 0.00	30.85 1.50 0.00	31.32 1.80 -0.02	33.38 1.91 -0.16	36.00 2.14 -0.39	38.16 2.26 -0.51	39.96 2.26 -0.59	45.28 2.23 -0.93	50.07 1.69 -1.29	62.08 1.92 -0.18	67.41 2.15 -0.14	66.66 1.63 0.00	52.57 1.03 0.00	47.52 0.79 0.00	41.88 1.40 -0.54	37.23 1.22 -0.17
GLOBAL GREEN_PORT_GT1 23814	36.48 2.45 0.00	32.22 2.08 0.00	28.58 1.77 0.00	28.17 1.70 0.00	27.80 1.67 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.93 1.83 0.00	29.84 1.53 0.00	31.29 1.94 0.00	32.08 2.57 -0.01	34.19 2.72 -0.16	36.97 3.11 -0.38	39.28 3.40 -0.51	40.96 3.27 -0.58	46.50 3.45 -0.93	51.34 2.97 -1.29	63.94 3.78 -0.18	69.03 3.78 -0.14	67.38 2.34 0.00	53.24 1.70 0.00	47.60 0.89 0.01	42.12 1.64 -0.54	37.40 1.40 -0.17
GLOBE____DSASP 323697	33.04 -0.99 0.00	30.47 0.00 -0.33	27.07 0.16 -0.09	26.27 -0.21 -0.01	26.33 0.16 -0.04	27.50 0.19 -0.12	30.08 0.55 -0.35	30.14 0.70 -0.34	28.88 0.37 -0.20	29.89 0.32 -0.21	29.48 -0.03 0.00	31.35 -0.06 -0.11	34.26 0.10 -0.69	36.20 0.00 -0.82	38.29 0.22 -0.95	42.88 -0.51 -1.27	47.74 -1.04 -1.70	59.56 -3.00 -2.58	64.29 -3.78 -2.95	64.33 -3.77 -3.06	51.08 -2.47 -2.02	47.03 -1.36 -1.66	39.95 -1.20 -1.21	37.70 0.93 -0.92
GOETHSLN____LBMP 323567	35.62 1.60 0.00	31.44 1.30 0.00	27.94 1.13 0.00	27.64 1.16 0.00	27.25 1.12 0.00	28.31 1.11 0.00	30.20 1.02 0.00	30.26 1.16 0.00	29.48 1.16 0.00	30.74 1.38 0.00	31.07 1.56 0.00	33.12 1.66 -0.15	35.72 1.87 -0.37	37.89 2.02 -0.50	39.65 1.97 -0.57	42.64 1.98 1.46	42.49 1.65 6.24	44.29 1.56 17.25	51.73 1.82 15.20	52.74 1.63 13.93	43.79 0.88 8.62	42.14 0.98 5.57	41.14 1.20 0.00	37.08 1.08 -0.16
GOLAH____69_KV_TB 1_2 80279	34.30 0.27 0.00	30.77 0.30 -0.33	27.23 0.32 -0.09	26.59 0.11 -0.01	26.49 0.31 -0.04	27.64 0.33 -0.12	30.11 0.58 -0.35	30.14 0.70 -0.34	28.97 0.45 -0.20	30.04 0.47 -0.21	29.92 0.41 0.00	31.88 0.47 -0.11	34.83 0.67 -0.69	36.81 0.60 -0.82	38.81 0.74 -0.95	43.89 0.51 -1.27	49.49 0.71 -1.70	62.68 0.12 -2.58	68.00 -0.07 -2.95	68.23 0.13 -3.06	53.82 0.26 -2.02	48.90 0.51 -1.66	41.51 0.36 -1.21	37.73 0.97 -0.92
GOODYEAR_LAKE_HYD 323669	35.25 1.22 0.00	31.40 1.09 -0.17	27.80 0.94 -0.05	27.43 0.95 0.00	27.09 0.94 -0.02	28.23 0.98 -0.06	30.41 1.05 -0.18	30.30 1.02 -0.18	29.21 0.79 -0.10	30.17 0.70 -0.11	30.22 0.71 0.00	32.08 0.72 -0.06	34.67 0.84 -0.36	36.70 0.88 -0.44	38.62 1.00 -0.50	44.01 1.22 -0.67	49.39 1.41 -0.90	63.27 1.92 -1.37	69.15 2.47 -1.56	69.13 2.47 -1.62	54.46 1.86 -1.07	49.19 1.59 -0.88	41.94 1.36 -0.64	37.55 1.22 -0.49
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.37 0.34 0.00	30.94 0.39 -0.41	27.25 0.32 -0.11	26.75 0.26 -0.01	26.52 0.34 -0.05	27.69 0.35 -0.14	30.05 0.44 -0.43	29.96 0.44 -0.43	28.87 0.31 -0.25	29.97 0.35 -0.27	29.83 0.32 0.00	31.79 0.34 -0.13	34.80 0.47 -0.86	36.94 0.53 -1.03	38.90 0.59 -1.19	44.25 0.55 -1.58	49.77 0.56 -2.12	63.69 0.48 -3.23	69.39 0.59 -3.69	69.51 0.65 -3.82	54.58 0.52 -2.52	49.18 0.37 -2.08	41.73 0.28 -1.51	37.53 0.54 -1.15

GOUDEY___7 23579	34.37 0.34 0.00	30.94 0.39 -0.41	27.25 0.32 -0.11	26.75 0.26 -0.01	26.52 0.34 -0.05	27.69 0.35 -0.14	30.05 0.44 -0.43	29.96 0.44 -0.43	28.87 0.31 -0.25	29.97 0.35 -0.27	29.83 0.32 0.00	31.79 0.34 -0.13	34.80 0.47 -0.86	36.94 0.53 -1.03	38.90 0.59 -1.19	44.25 0.55 -1.58	49.77 0.56 -2.12	63.69 0.48 -3.23	69.39 0.59 -3.69	69.51 0.65 -3.82	54.58 0.52 -2.52	49.18 0.37 -2.08	41.73 0.28 -1.51	37.53 0.54 -1.15
GOUDEY___8 23580	34.37 0.34 0.00	30.94 0.39 -0.41	27.25 0.32 -0.11	26.75 0.26 -0.01	26.52 0.34 -0.05	27.69 0.35 -0.14	30.05 0.44 -0.43	29.96 0.44 -0.43	28.87 0.31 -0.25	29.97 0.35 -0.27	29.83 0.32 0.00	31.79 0.34 -0.13	34.80 0.47 -0.86	36.94 0.53 -1.03	38.90 0.59 -1.19	44.25 0.55 -1.58	49.77 0.56 -2.12	63.69 0.48 -3.23	69.39 0.59 -3.69	69.51 0.65 -3.82	54.58 0.52 -2.52	49.18 0.37 -2.08	41.73 0.28 -1.51	37.53 0.54 -1.15
GOWANUS_GT1_1 24077	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT1_2 24078	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT1_3 24079	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT1_4 24080	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT1_5 24084	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT1_6 24111	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT1_7 24112	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT1_8 24113	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT2_1 24114	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT2_2 24115	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT2_3 24116	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT2_4 24117	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT2_5 24118	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17

GOWANUS_GT2_6 24119	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT2_7 24120	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT2_8 24121	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT3_1 24122	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT3_2 24123	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT3_3 24124	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT3_4 24125	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT3_5 24126	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT3_6 24127	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT3_7 24128	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT3_8 24129	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
GOWANUS_GT4_1 24130	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT4_2 24131	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT4_3 24132	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT4_4 24133	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17

GOWANUS_GT4_5 24134	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT4_6 24135	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT4_7 24136	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GOWANUS_GT4_8 24137	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GREATVR_69_KV_BK1 356245	36.13 2.11 0.00	31.92 1.78 0.00	28.29 1.47 0.00	27.91 1.43 0.00	27.51 1.38 0.00	28.47 1.28 0.00	30.32 1.14 0.00	30.73 1.63 0.00	29.59 1.27 0.00	31.00 1.64 0.00	31.73 2.21 -0.01	33.81 2.35 -0.16	36.50 2.64 -0.38	38.75 2.87 -0.51	40.48 2.78 -0.58	45.79 2.74 -0.93	50.68 2.31 -1.29	63.16 3.00 -0.18	68.45 3.19 -0.14	67.12 2.08 0.00	53.09 1.55 0.00	47.61 0.89 0.01	42.16 1.68 -0.54	37.44 1.43 -0.17
GREENBSH_115KV_TB3 55895	34.03 0.00 0.00	30.10 0.00 0.04	26.90 0.08 0.00	26.69 0.21 0.00	26.26 0.13 0.00	27.33 0.14 0.00	29.21 0.03 0.00	29.04 -0.06 0.00	28.17 -0.14 0.00	29.21 -0.15 0.00	29.39 -0.12 0.00	31.08 -0.13 0.10	33.09 -0.13 0.25	34.84 -0.21 0.33	36.47 -0.26 0.38	41.29 -0.21 0.62	45.80 -0.42 0.86	59.32 -0.54 0.12	64.56 -0.46 0.10	64.52 -0.52 0.00	51.08 -0.46 0.00	46.17 -0.56 0.00	39.22 -0.36 0.36	35.34 -0.39 0.11
GREENDGE_115KV_TB5 80291	34.43 0.41 0.00	31.04 0.45 -0.45	27.31 0.38 -0.12	26.70 0.21 -0.01	26.55 0.37 -0.06	27.79 0.44 -0.16	30.29 0.64 -0.47	30.26 0.70 -0.47	29.01 0.42 -0.27	30.03 0.38 -0.29	29.83 0.32 0.00	31.83 0.38 -0.14	34.95 0.54 -0.94	37.07 0.57 -1.12	38.85 0.45 -1.29	44.18 0.34 -1.73	50.06 0.66 -2.32	64.22 0.72 -3.52	70.24 1.11 -4.02	70.45 1.24 -4.17	55.17 0.88 -2.75	49.69 0.70 -2.26	41.99 0.40 -1.65	38.10 1.00 -1.26
GREENIDGE___3 23582	34.43 0.41 0.00	31.04 0.45 -0.45	27.31 0.38 -0.12	26.70 0.21 -0.01	26.55 0.37 -0.06	27.79 0.44 -0.16	30.29 0.64 -0.47	30.26 0.70 -0.47	29.01 0.42 -0.27	30.03 0.38 -0.29	29.83 0.32 0.00	31.83 0.38 -0.14	34.95 0.54 -0.94	37.07 0.57 -1.12	38.85 0.45 -1.29	44.18 0.34 -1.73	50.06 0.66 -2.32	64.22 0.72 -3.52	70.24 1.11 -4.02	70.45 1.24 -4.17	55.17 0.88 -2.75	49.69 0.70 -2.26	41.99 0.40 -1.65	38.10 1.00 -1.26
GREENIDGE___4 23583	34.43 0.41 0.00	31.04 0.45 -0.45	27.31 0.38 -0.12	26.70 0.21 -0.01	26.55 0.37 -0.06	27.79 0.43 -0.16	30.29 0.64 -0.47	30.24 0.67 -0.47	29.01 0.43 -0.27	30.03 0.38 -0.29	29.89 0.38 0.00	31.83 0.38 -0.14	34.98 0.57 -0.94	37.07 0.56 -1.12	38.89 0.48 -1.29	44.18 0.34 -1.73	50.06 0.66 -2.32	64.22 0.72 -3.52	70.31 1.17 -4.02	70.38 1.17 -4.17	55.27 0.98 -2.75	49.69 0.70 -2.26	41.99 0.40 -1.65	38.10 1.00 -1.26
GREENLWN_69_KV_BK 3 55738	35.49 1.46 0.00	31.35 1.21 0.00	27.83 1.02 0.00	27.46 0.98 0.00	27.07 0.94 0.00	28.04 0.84 0.00	29.85 0.67 0.00	30.15 1.05 0.00	29.14 0.82 0.00	30.53 1.17 0.00	31.14 1.62 -0.01	33.19 1.72 -0.16	35.80 1.94 -0.38	37.94 2.05 -0.51	39.70 2.00 -0.58	44.27 1.22 -0.93	48.98 0.61 -1.29	60.94 0.78 -0.18	66.11 0.85 -0.14	64.97 -0.07 0.00	51.28 -0.26 0.00	46.20 -0.51 0.01	41.24 0.76 -0.54	36.80 0.79 -0.17
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17
GRISSOM___SOLAR 323813	35.90 1.87 0.00	31.80 1.66 0.00	28.26 1.45 0.00	27.98 1.51 0.00	27.62 1.49 0.00	28.72 1.52 0.00	30.81 1.63 0.00	30.58 1.48 0.00	29.08 0.76 0.00	29.59 0.23 0.00	29.39 -0.12 0.00	30.98 -0.25 0.08	33.00 -0.27 0.20	34.83 -0.28 0.27	36.77 -0.04 0.31	42.16 0.55 0.50	47.56 1.18 0.69	62.76 2.88 0.10	69.33 4.30 0.08	69.46 4.42 0.00	54.89 3.35 0.00	49.62 2.90 0.00	42.00 2.36 0.29	37.69 1.93 0.09
GROVEVILLE___HYD 323602	35.76 1.74 0.00	31.56 1.42 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.41 1.28 0.00	28.47 1.28 0.00	30.37 1.20 0.00	30.26 1.16 0.00	29.45 1.13 0.00	30.68 1.32 0.00	30.93 1.42 0.00	32.96 1.53 -0.12	35.54 1.77 -0.29	37.72 1.95 -0.39	39.49 1.93 -0.45	45.00 2.15 -0.73	50.21 2.12 -1.01	62.64 2.52 -0.14	68.09 2.87 -0.11	67.77 2.73 0.00	53.34 1.80 0.00	48.27 1.54 0.00	41.92 1.56 -0.43	37.26 1.29 -0.13
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.03 0.00 0.00	30.98 0.03 -0.81	27.04 0.00 -0.22	26.44 -0.05 -0.02	26.23 0.00 -0.10	27.50 0.03 -0.28	30.09 0.06 -0.85	30.03 0.09 -0.84	28.77 -0.03 -0.49	29.85 -0.03 -0.52	29.45 -0.06 0.00	31.54 -0.03 -0.26	35.23 0.07 -1.69	37.43 0.04 -2.02	39.52 0.07 -2.33	45.26 0.04 -3.10	51.43 0.19 -4.16	66.55 0.24 -6.33	72.74 0.39 -7.23	72.93 0.39 -7.50	56.74 0.26 -4.95	50.98 0.19 -4.07	43.05 0.04 -3.07	38.29 0.11 -2.34
HAMLTNNY_34_KV_TB 80303	34.09 0.07 0.00	31.01 0.06 -0.81	27.09 0.05 -0.22	26.50 0.00 -0.02	26.29 0.05 -0.10	27.53 0.05 -0.28	30.17 0.15 -0.85	30.12 0.17 -0.84	28.86 0.06 -0.49	29.91 0.03 -0.52	29.54 0.03 0.00	31.63 0.06 -0.26	35.33 0.17 -1.69	37.58 0.18 -2.02	39.67 0.22 -2.33	45.39 0.17 -3.11	51.63 0.38 -4.17	66.73 0.42 -6.34	72.88 0.52 -7.24	73.13 0.59 -7.51	56.90 0.41 -4.95	51.13 0.33 -4.08	43.16 0.16 -3.06	38.43 0.25 -2.33

HAMPSHIRE___PAPER_HYD 323593	34.30 0.27 0.00	30.61 0.21 -0.26	27.05 0.16 -0.07	26.59 0.11 -0.01	26.24 0.08 -0.03	27.42 0.14 -0.09	29.71 0.26 -0.27	29.57 0.21 -0.27	28.58 0.11 -0.15	29.46 -0.06 -0.16	29.48 -0.03 0.00	31.30 -0.09 -0.08	33.73 -0.27 -0.53	35.77 -0.25 -0.64	37.66 -0.18 -0.73	43.22 0.13 -0.98	48.82 0.42 -1.31	62.99 1.02 -1.99	68.83 1.43 -2.28	68.90 1.50 -2.36	54.29 1.19 -1.56	49.37 1.36 -1.28	44.96 1.16 -3.86	39.55 0.93 -2.78
HARDSCRABBLE_WT_PWR 323673	33.62 -0.41 0.00	29.75 -0.39 0.00	26.41 -0.40 0.00	26.16 -0.32 0.00	25.79 -0.34 0.00	26.81 -0.38 0.00	28.77 -0.41 0.00	28.66 -0.44 0.00	27.78 -0.54 0.00	28.77 -0.59 0.00	28.89 -0.62 0.00	30.62 -0.69 0.00	32.60 -0.87 0.00	34.32 -1.06 0.00	35.96 -1.15 0.00	40.90 -1.22 0.00	45.67 -1.41 0.00	58.42 -1.56 0.00	63.62 -1.50 0.00	63.67 -1.37 0.00	50.51 -1.03 0.00	45.89 -0.84 0.00	39.40 -0.64 -0.10	35.38 -0.54 -0.07
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.56 1.53 0.00	31.41 1.27 0.00	27.94 1.13 0.00	27.64 1.16 0.00	27.25 1.12 0.00	28.31 1.11 0.00	30.23 1.05 0.00	30.15 1.05 0.00	29.33 1.02 0.00	30.56 1.20 0.00	30.84 1.33 0.00	32.88 1.44 -0.13	35.48 1.67 -0.33	37.66 1.84 -0.44	39.41 1.78 -0.51	44.93 1.98 -0.83	50.12 1.88 -1.15	62.30 2.16 -0.16	67.65 2.41 -0.13	67.32 2.28 0.00	53.03 1.49 0.00	47.94 1.21 0.00	41.70 1.28 -0.48	37.10 1.11 -0.15
HARSNRAD_115KV_TB1 81005	33.92 -0.10 0.00	30.44 -0.03 -0.33	26.99 0.08 -0.09	26.22 -0.26 -0.01	26.28 0.10 -0.04	27.42 0.11 -0.12	30.02 0.50 -0.35	30.08 0.64 -0.35	28.94 0.42 -0.20	30.04 0.47 -0.22	29.92 0.41 0.00	31.85 0.44 -0.11	34.80 0.64 -0.69	36.78 0.57 -0.83	38.93 0.85 -0.96	43.61 0.21 -1.28	48.65 -0.14 -1.71	60.85 -1.74 -2.61	65.81 -2.28 -2.98	65.92 -2.21 -3.09	52.24 -1.34 -2.04	47.94 -0.47 -1.68	40.72 -0.44 -1.22	37.67 0.90 -0.93
HARZA MOOSE___RIVER 24016	34.37 0.34 0.00	30.65 0.27 -0.24	27.07 0.19 -0.07	26.72 0.24 -0.01	26.34 0.18 -0.03	27.50 0.22 -0.08	29.75 0.32 -0.25	29.61 0.26 -0.25	28.54 0.08 -0.14	29.42 -0.09 -0.15	29.39 -0.12 0.00	31.26 -0.13 -0.08	33.77 -0.20 -0.50	35.76 -0.21 -0.60	37.69 -0.11 -0.69	43.41 0.38 -0.92	49.06 0.75 -1.23	63.23 1.38 -1.87	69.14 1.89 -2.14	69.21 1.95 -2.22	54.55 1.55 -1.46	49.28 1.36 -1.20	42.67 1.04 -1.69	37.99 0.90 -1.25
HDSNBRDG_115KV_BRDG_TB1 355580	33.89 -0.14 0.00	30.58 -0.12 -0.57	26.86 -0.11 -0.16	26.33 -0.16 -0.01	26.10 -0.10 -0.07	27.31 -0.08 -0.20	29.71 -0.06 -0.59	29.66 -0.03 -0.59	28.51 -0.14 -0.34	29.57 -0.15 -0.37	29.33 -0.18 0.00	31.33 -0.16 -0.18	34.58 -0.07 -1.18	36.65 -0.14 -1.41	38.59 -0.15 -1.63	44.08 -0.21 -2.17	49.85 -0.14 -2.91	64.16 -0.24 -4.42	69.97 -0.20 -5.05	70.15 -0.13 -5.24	54.84 -0.15 -3.46	49.38 -0.19 -2.84	41.89 -0.24 -2.19	37.37 -0.14 -1.67
HELLGATE_13_KV_LD 55870	36.07 2.04 0.00	31.86 1.72 0.00	28.37 1.56 0.00	28.07 1.59 0.00	27.65 1.52 0.00	28.69 1.50 0.00	30.55 1.37 0.00	30.58 1.48 0.00	29.79 1.47 0.00	31.09 1.73 0.00	31.43 1.92 0.00	33.49 2.04 -0.15	36.16 2.31 -0.37	38.35 2.48 -0.50	40.06 2.38 -0.57	45.41 2.36 -0.93	50.39 2.02 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.72 1.19 0.01	48.13 1.40 0.00	42.12 1.64 -0.54	37.62 1.61 -0.17
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.07 2.04 0.00	31.86 1.72 0.00	28.37 1.56 0.00	28.07 1.59 0.00	27.65 1.52 0.00	28.69 1.50 0.00	30.55 1.37 0.00	30.58 1.48 0.00	29.79 1.47 0.00	31.09 1.73 0.00	31.43 1.92 0.00	33.49 2.04 -0.15	36.16 2.31 -0.37	38.35 2.48 -0.50	40.06 2.38 -0.57	45.41 2.36 -0.93	50.39 2.02 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.72 1.19 0.01	48.13 1.40 0.00	42.12 1.64 -0.54	37.62 1.61 -0.17
HEMPSTEAD___ 23647	35.59 1.57 0.00	31.46 1.32 0.00	27.94 1.13 0.00	27.61 1.14 0.00	27.20 1.07 0.00	28.20 1.01 0.00	30.05 0.87 0.00	30.14 1.05 0.00	29.31 0.99 0.00	30.65 1.29 0.00	31.20 1.68 -0.01	33.22 1.75 -0.16	35.80 1.94 -0.39	37.98 2.09 -0.51	39.70 2.00 -0.58	44.95 1.90 -0.93	49.78 1.41 -1.29	61.83 1.68 -0.18	66.95 1.69 -0.14	66.02 0.98 0.00	52.16 0.62 0.00	47.09 0.37 0.01	41.52 1.04 -0.54	36.94 0.93 -0.17
HICKLING___1 23621	34.40 0.37 0.00	31.04 0.48 -0.42	27.36 0.43 -0.12	26.73 0.24 -0.01	26.60 0.42 -0.05	27.80 0.46 -0.15	30.26 0.64 -0.44	30.18 0.64 -0.44	28.99 0.42 -0.25	30.07 0.44 -0.27	29.92 0.41 0.00	31.91 0.47 -0.14	34.99 0.64 -0.88	37.14 0.71 -1.05	39.14 0.82 -1.21	44.37 0.63 -1.62	50.00 0.75 -2.17	63.81 0.54 -3.29	69.72 0.85 -3.76	69.92 0.98 -3.90	54.94 0.82 -2.57	49.50 0.65 -2.12	41.92 0.44 -1.54	37.99 0.97 -1.18
HICKLING___2 23622	34.40 0.37 0.00	31.04 0.48 -0.42	27.36 0.43 -0.12	26.73 0.24 -0.01	26.60 0.42 -0.05	27.80 0.46 -0.15	30.26 0.64 -0.44	30.18 0.64 -0.44	28.99 0.42 -0.25	30.07 0.44 -0.27	29.92 0.41 0.00	31.91 0.47 -0.14	34.99 0.64 -0.88	37.14 0.71 -1.05	39.14 0.82 -1.21	44.37 0.63 -1.62	50.00 0.75 -2.17	63.81 0.54 -3.29	69.72 0.85 -3.76	69.92 0.98 -3.90	54.94 0.82 -2.57	49.50 0.65 -2.12	41.92 0.44 -1.54	37.99 0.97 -1.18
HIGH FALLS___HY 23754	36.03 2.01 0.00	31.79 1.66 0.00	28.26 1.45 0.00	27.96 1.48 0.00	27.57 1.44 0.00	28.63 1.44 0.00	30.58 1.40 0.00	30.49 1.40 0.00	29.67 1.36 0.00	30.91 1.56 0.00	31.16 1.65 0.00	33.11 1.72 -0.08	35.69 2.01 -0.21	37.89 2.23 -0.28	39.66 2.23 -0.32	45.16 2.53 -0.52	50.43 2.64 -0.72	63.26 3.18 -0.10	68.78 3.58 -0.08	68.55 3.51 0.00	53.86 2.32 0.00	48.74 2.01 0.00	42.16 1.92 -0.30	37.55 1.61 -0.09
HIGH_RIVER___SOLAR 323847	35.22 1.19 0.00	31.17 1.03 0.00	27.73 0.91 0.00	27.46 0.98 0.00	27.07 0.94 0.00	28.14 0.95 0.00	30.20 1.02 0.00	29.97 0.87 0.00	28.74 0.43 0.00	29.44 0.09 0.00	29.33 -0.18 0.00	31.01 -0.22 0.08	33.03 -0.23 0.21	34.85 -0.25 0.28	36.68 -0.11 0.33	41.80 0.21 0.53	46.95 0.61 0.74	61.38 1.50 0.10	67.37 2.34 0.08	67.45 2.41 0.00	53.34 1.80 0.00	48.27 1.54 0.00	40.94 1.32 0.31	36.82 1.07 0.10
HILLBURN___GT 23639	35.49 1.46 0.00	31.38 1.24 0.00	27.89 1.07 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.28 1.09 0.00	30.17 0.99 0.00	30.12 1.02 0.00	29.33 1.02 0.00	30.59 1.23 0.00	30.84 1.33 0.00	32.88 1.44 -0.14	35.45 1.64 -0.34	37.64 1.80 -0.45	39.38 1.74 -0.52	44.82 1.85 -0.85	49.95 1.69 -1.18	61.94 1.80 -0.16	67.27 2.02 -0.13	66.93 1.89 0.00	52.73 1.19 0.00	47.71 0.98 0.00	41.59 1.16 -0.50	37.00 1.00 -0.15
HILLSIDE_115KV_TB1 80332	34.03 0.00 0.00	30.71 0.15 -0.42	27.07 0.13 -0.12	26.46 -0.03 -0.01	26.34 0.16 -0.05	27.50 0.16 -0.15	29.91 0.29 -0.44	29.83 0.29 -0.44	28.71 0.14 -0.25	29.80 0.18 -0.27	29.63 0.12 0.00	31.60 0.16 -0.14	34.65 0.30 -0.88	36.79 0.35 -1.05	38.74 0.41 -1.21	43.95 0.21 -1.62	49.49 0.24 -2.17	63.10 -0.18 -3.30	68.88 0.00 -3.77	69.01 0.07 -3.91	54.22 0.10 -2.58	48.85 0.00 -2.12	41.40 -0.08 -1.55	37.49 0.47 -1.18

HISHELDN_WT_PWR 323625	33.86 -0.17 0.00	30.56 0.06 -0.36	27.05 0.13 -0.10	26.30 -0.18 -0.01	26.31 0.13 -0.05	27.48 0.16 -0.13	30.05 0.50 -0.38	30.02 0.55 -0.37	28.84 0.31 -0.22	29.91 0.32 -0.23	29.95 0.44 0.00	31.77 0.35 -0.12	34.82 0.60 -0.75	36.77 0.50 -0.89	38.89 0.74 -1.03	43.75 0.25 -1.37	48.97 0.05 -1.84	61.76 -1.02 -2.80	67.40 -0.91 -3.20	67.32 -1.04 -3.32	53.42 -0.31 -2.19	48.48 -0.05 -1.80	41.17 -0.08 -1.31	37.92 1.07 -1.00
HOLTSVILLE_IC_1 23690	35.62 1.60 0.00	31.46 1.32 0.00	27.89 1.07 0.00	27.54 1.06 0.00	27.12 0.99 0.00	28.09 0.90 0.00	29.88 0.70 0.00	30.14 1.05 0.00	29.16 0.85 0.00	30.56 1.20 0.00	31.23 1.71 -0.01	33.28 1.82 -0.16	35.93 2.08 -0.38	38.15 2.27 -0.51	39.77 2.08 -0.58	44.99 1.94 -0.93	49.69 1.32 -1.29	61.90 1.74 -0.18	66.82 1.56 -0.14	65.56 0.52 0.00	51.90 0.36 0.00	46.72 0.00 0.01	41.44 0.96 -0.54	36.76 0.75 -0.17
HOLTSVILLE_IC_10 23699	35.76 1.73 0.00	31.59 1.45 0.00	27.99 1.18 0.00	27.61 1.14 0.00	27.23 1.10 0.00	28.17 0.98 0.00	29.99 0.82 0.00	30.26 1.17 0.00	29.28 0.96 0.00	30.68 1.32 0.00	31.38 1.86 -0.01	33.44 1.97 -0.16	36.10 2.24 -0.38	38.33 2.44 -0.51	40.00 2.30 -0.58	45.24 2.19 -0.93	50.02 1.65 -1.29	62.31 2.16 -0.18	67.28 2.02 -0.14	65.95 0.91 0.00	52.26 0.72 0.00	46.95 0.23 0.01	41.64 1.16 -0.54	36.94 0.93 -0.17
HOLTSVILLE_IC_2 23691	35.62 1.60 0.00	31.46 1.32 0.00	27.89 1.07 0.00	27.54 1.06 0.00	27.12 0.99 0.00	28.09 0.90 0.00	29.88 0.70 0.00	30.14 1.05 0.00	29.16 0.85 0.00	30.56 1.20 0.00	31.23 1.71 -0.01	33.28 1.82 -0.16	35.93 2.08 -0.38	38.15 2.27 -0.51	39.77 2.08 -0.58	44.99 1.94 -0.93	49.69 1.32 -1.29	61.90 1.74 -0.18	66.82 1.56 -0.14	65.56 0.52 0.00	51.90 0.36 0.00	46.72 0.00 0.01	41.44 0.96 -0.54	36.76 0.75 -0.17
HOLTSVILLE_IC_3 23692	35.62 1.60 0.00	31.46 1.32 0.00	27.89 1.07 0.00	27.54 1.06 0.00	27.12 0.99 0.00	28.09 0.90 0.00	29.88 0.70 0.00	30.14 1.05 0.00	29.16 0.85 0.00	30.56 1.20 0.00	31.23 1.71 -0.01	33.28 1.82 -0.16	35.93 2.08 -0.38	38.15 2.27 -0.51	39.77 2.08 -0.58	44.99 1.94 -0.93	49.69 1.32 -1.29	61.90 1.74 -0.18	66.82 1.56 -0.14	65.56 0.52 0.00	51.90 0.36 0.00	46.72 0.00 0.01	41.44 0.96 -0.54	36.76 0.75 -0.17
HOLTSVILLE_IC_4 23693	35.62 1.60 0.00	31.46 1.32 0.00	27.89 1.07 0.00	27.54 1.06 0.00	27.12 0.99 0.00	28.09 0.90 0.00	29.88 0.70 0.00	30.14 1.05 0.00	29.16 0.85 0.00	30.56 1.20 0.00	31.23 1.71 -0.01	33.28 1.82 -0.16	35.93 2.08 -0.38	38.15 2.27 -0.51	39.77 2.08 -0.58	44.99 1.94 -0.93	49.69 1.32 -1.29	61.90 1.74 -0.18	66.82 1.56 -0.14	65.56 0.52 0.00	51.90 0.36 0.00	46.72 0.00 0.01	41.44 0.96 -0.54	36.76 0.75 -0.17
HOLTSVILLE_IC_5 23694	35.62 1.60 0.00	31.46 1.32 0.00	27.89 1.07 0.00	27.54 1.06 0.00	27.12 0.99 0.00	28.09 0.90 0.00	29.88 0.70 0.00	30.14 1.05 0.00	29.16 0.85 0.00	30.56 1.20 0.00	31.23 1.71 -0.01	33.28 1.82 -0.16	35.93 2.08 -0.38	38.15 2.27 -0.51	39.77 2.08 -0.58	44.99 1.94 -0.93	49.69 1.32 -1.29	61.90 1.74 -0.18	66.82 1.56 -0.14	65.56 0.52 0.00	51.90 0.36 0.00	46.72 0.00 0.01	41.44 0.96 -0.54	36.76 0.75 -0.17
HOLTSVILLE_IC_6 23695	35.76 1.73 0.00	31.59 1.45 0.00	27.99 1.18 0.00	27.61 1.14 0.00	27.23 1.10 0.00	28.17 0.98 0.00	29.99 0.82 0.00	30.26 1.17 0.00	29.28 0.96 0.00	30.68 1.32 0.00	31.38 1.86 -0.01	33.44 1.97 -0.16	36.10 2.24 -0.38	38.33 2.44 -0.51	40.00 2.30 -0.58	45.24 2.19 -0.93	50.02 1.65 -1.29	62.31 2.16 -0.18	67.28 2.02 -0.14	65.95 0.91 0.00	52.26 0.72 0.00	46.95 0.23 0.01	41.64 1.16 -0.54	36.94 0.93 -0.17
HOLTSVILLE_IC_7 23696	35.76 1.73 0.00	31.59 1.45 0.00	27.99 1.18 0.00	27.61 1.14 0.00	27.23 1.10 0.00	28.17 0.98 0.00	29.99 0.82 0.00	30.26 1.17 0.00	29.28 0.96 0.00	30.68 1.32 0.00	31.38 1.86 -0.01	33.44 1.97 -0.16	36.10 2.24 -0.38	38.33 2.44 -0.51	40.00 2.30 -0.58	45.24 2.19 -0.93	50.02 1.65 -1.29	62.31 2.16 -0.18	67.28 2.02 -0.14	65.95 0.91 0.00	52.26 0.72 0.00	46.95 0.23 0.01	41.64 1.16 -0.54	36.94 0.93 -0.17
HOLTSVILLE_IC_8 23697	35.76 1.73 0.00	31.59 1.45 0.00	27.99 1.18 0.00	27.61 1.14 0.00	27.23 1.10 0.00	28.17 0.98 0.00	29.99 0.82 0.00	30.26 1.17 0.00	29.28 0.96 0.00	30.68 1.32 0.00	31.38 1.86 -0.01	33.44 1.97 -0.16	36.10 2.24 -0.38	38.33 2.44 -0.51	40.00 2.30 -0.58	45.24 2.19 -0.93	50.02 1.65 -1.29	62.31 2.16 -0.18	67.28 2.02 -0.14	65.95 0.91 0.00	52.26 0.72 0.00	46.95 0.23 0.01	41.64 1.16 -0.54	36.94 0.93 -0.17
HOLTSVILLE_IC_9 23698	35.76 1.73 0.00	31.59 1.45 0.00	27.99 1.18 0.00	27.61 1.14 0.00	27.23 1.10 0.00	28.17 0.98 0.00	29.99 0.82 0.00	30.26 1.17 0.00	29.28 0.96 0.00	30.68 1.32 0.00	31.38 1.86 -0.01	33.44 1.97 -0.16	36.10 2.24 -0.38	38.33 2.44 -0.51	40.00 2.30 -0.58	45.24 2.19 -0.93	50.02 1.65 -1.29	62.31 2.16 -0.18	67.28 2.02 -0.14	65.95 0.91 0.00	52.26 0.72 0.00	46.95 0.23 0.01	41.64 1.16 -0.54	36.94 0.93 -0.17
HOMER_HL_115KV_TB2 355744	33.68 -0.34 0.00	30.43 -0.06 -0.35	26.91 0.00 -0.10	26.22 -0.26 -0.01	26.23 0.05 -0.04	27.37 0.05 -0.12	29.86 0.32 -0.36	29.72 0.26 -0.36	28.69 0.17 -0.21	29.90 0.32 -0.22	29.80 0.30 0.00	31.73 0.31 -0.11	34.70 0.50 -0.72	36.81 0.57 -0.86	38.85 0.74 -1.00	43.70 0.25 -1.33	48.96 0.09 -1.78	61.79 -0.90 -2.71	67.30 -0.91 -3.10	67.34 -0.91 -3.21	53.20 -0.46 -2.12	47.82 -0.65 -1.74	40.69 -0.52 -1.27	37.42 0.61 -0.97
HOWARD_WT_PWR 323690	34.20 0.17 0.00	30.85 0.30 -0.41	27.20 0.27 -0.11	26.49 0.00 -0.01	26.42 0.23 -0.05	27.64 0.30 -0.15	30.20 0.58 -0.43	30.17 0.64 -0.43	28.99 0.43 -0.25	30.00 0.38 -0.27	29.95 0.44 0.00	31.88 0.44 -0.13	34.97 0.63 -0.86	37.01 0.60 -1.03	39.05 0.74 -1.19	44.17 0.46 -1.59	49.82 0.61 -2.13	63.63 0.42 -3.23	69.98 1.17 -3.69	70.04 1.17 -3.83	55.30 1.23 -2.53	49.93 1.12 -2.08	42.25 0.80 -1.52	38.54 1.54 -1.16
HQ_GEN_CEDARS 23644	34.23 0.20 0.00	30.32 0.18 0.00	27.00 0.19 0.00	26.53 0.05 0.00	26.18 0.05 0.00	27.30 0.11 0.00	29.38 0.20 0.00	29.30 0.20 0.00	28.63 0.31 0.00	29.62 0.26 0.00	29.80 0.30 0.00	31.59 0.28 0.00	33.57 0.10 0.00	35.52 0.14 0.00	37.26 0.15 0.00	42.33 0.21 0.00	47.46 0.38 0.00	60.82 0.84 0.00	66.03 0.91 0.00	65.82 0.78 0.00	52.26 0.72 0.00	47.61 0.89 0.00	46.71 0.76 -6.01	40.70 0.61 -4.25
HQ_GEN_CEDARS_PROXY 323590	34.23 0.21 0.00	30.32 0.18 0.00	27.00 0.19 0.00	26.53 0.05 0.00	26.18 0.05 0.00	27.30 0.11 0.00	29.38 0.21 0.00	29.30 0.21 0.00	28.63 0.31 0.00	29.62 0.26 0.00	29.80 0.30 0.00	31.59 0.28 0.00	33.57 0.10 0.00	35.52 0.14 0.00	37.26 0.15 0.00	42.33 0.21 0.00	47.46 0.37 0.00	60.82 0.84 0.00	66.03 0.91 0.00	65.88 0.84 0.00	52.26 0.72 0.00	47.61 0.89 0.00	46.70 0.76 -6.01	40.70 0.61 -4.25

HQ_GEN_IMPORT 323601	34.06 0.03 0.00	30.17 0.03 0.00	26.84 0.03 0.00	26.42 -0.05 0.00	26.10 -0.03 0.00	27.17 -0.03 0.00	29.18 0.00 0.00	29.13 0.03 0.00	28.46 0.14 0.00	29.47 0.12 0.00	29.63 0.12 0.00	31.43 0.13 0.00	33.54 0.07 0.00	35.49 0.11 0.00	37.19 0.07 0.00	42.25 0.13 0.00	47.27 0.19 0.00	60.34 0.36 0.00	65.38 0.26 0.00	65.30 0.26 0.00	51.80 0.26 0.00	47.06 0.33 0.00	39.95 0.24 0.23	35.86 0.18 0.16
HQ_GEN_WHEEL 23651	34.06 0.03 0.00	30.17 0.03 0.00	26.84 0.03 0.00	26.42 -0.05 0.00	26.10 -0.03 0.00	27.17 -0.03 0.00	29.18 0.00 0.00	29.13 0.03 0.00	28.46 0.14 0.00	29.47 0.12 0.00	29.63 0.12 0.00	31.43 0.13 0.00	33.54 0.07 0.00	35.49 0.11 0.00	37.19 0.07 0.00	42.25 0.13 0.00	47.27 0.19 0.00	60.34 0.36 0.00	65.38 0.26 0.00	65.30 0.26 0.00	51.80 0.26 0.00	47.06 0.33 0.00	39.95 0.24 0.23	35.86 0.18 0.16
HUDSON AVE_GT_3 23810	35.86 1.84 0.00	31.65 1.51 0.00	28.13 1.31 0.00	27.85 1.38 0.00	27.44 1.31 0.00	28.50 1.31 0.00	30.40 1.23 0.00	30.47 1.37 0.00	29.67 1.36 0.00	30.94 1.59 0.00	31.28 1.77 0.00	33.33 1.88 -0.15	35.99 2.14 -0.37	38.18 2.30 -0.50	39.91 2.23 -0.57	45.37 2.32 -0.93	50.39 2.02 -1.29	62.32 2.16 -0.18	67.67 2.41 -0.14	67.25 2.21 0.00	52.88 1.34 0.00	48.08 1.36 0.00	42.00 1.52 -0.54	37.37 1.36 -0.17
HUDSON AVE_GT_4 23540	35.86 1.84 0.00	31.65 1.51 0.00	28.13 1.31 0.00	27.85 1.38 0.00	27.44 1.31 0.00	28.50 1.31 0.00	30.40 1.23 0.00	30.47 1.37 0.00	29.67 1.36 0.00	30.94 1.59 0.00	31.28 1.77 0.00	33.33 1.88 -0.15	35.99 2.14 -0.37	38.18 2.30 -0.50	39.91 2.23 -0.57	45.37 2.32 -0.93	50.39 2.02 -1.29	62.32 2.16 -0.18	67.67 2.41 -0.14	67.25 2.21 0.00	52.88 1.34 0.00	48.08 1.36 0.00	42.00 1.52 -0.54	37.37 1.36 -0.17
HUDSON AVE_GT_5 23657	35.86 1.84 0.00	31.65 1.51 0.00	28.13 1.31 0.00	27.85 1.38 0.00	27.44 1.31 0.00	28.50 1.31 0.00	30.40 1.23 0.00	30.47 1.37 0.00	29.67 1.36 0.00	30.94 1.59 0.00	31.28 1.77 0.00	33.33 1.88 -0.15	35.99 2.14 -0.37	38.18 2.30 -0.50	39.91 2.23 -0.57	45.37 2.32 -0.93	50.39 2.02 -1.29	62.32 2.16 -0.18	67.67 2.41 -0.14	67.25 2.21 0.00	52.88 1.34 0.00	48.08 1.36 0.00	42.00 1.52 -0.54	37.37 1.36 -0.17
HUDSON_AVE_10 24168	35.79 1.77 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.47 1.28 0.00	30.37 1.20 0.00	30.44 1.34 0.00	29.65 1.33 0.00	30.94 1.59 0.00	31.25 1.74 0.00	33.30 1.85 -0.15	35.92 2.08 -0.37	38.14 2.26 -0.50	39.84 2.15 -0.57	45.32 2.27 -0.93	50.35 2.02 -1.29	62.26 2.10 -0.18	67.60 2.34 -0.14	67.19 2.15 0.00	52.83 1.29 0.00	48.03 1.31 0.00	41.96 1.48 -0.54	37.33 1.33 -0.17
HUDSON___115KV_TB 4 355613	34.64 0.61 0.00	30.63 0.51 0.03	27.32 0.51 0.00	27.11 0.64 0.00	26.70 0.57 0.00	27.74 0.54 0.00	29.70 0.53 0.00	29.48 0.38 0.00	28.48 0.17 0.00	29.41 0.06 0.00	29.51 0.00 0.00	31.40 0.16 0.07	33.50 0.20 0.17	35.33 0.18 0.23	37.08 0.22 0.26	42.20 0.51 0.43	47.15 0.66 0.59	61.10 1.20 0.08	66.68 1.63 0.07	66.40 1.37 0.00	52.42 0.88 0.00	47.24 0.51 0.00	40.37 0.68 0.25	36.20 0.43 0.08
HUNTER MOUNT___DRP 323613	34.74 0.71 0.00	30.72 0.60 0.02	27.38 0.56 0.00	27.14 0.66 0.00	26.76 0.63 0.00	27.79 0.60 0.00	29.76 0.58 0.00	29.48 0.38 0.00	28.48 0.17 0.00	29.39 0.03 0.00	29.45 -0.06 0.00	31.48 0.22 0.04	33.63 0.27 0.11	35.52 0.28 0.14	37.28 0.33 0.16	42.61 0.76 0.27	47.75 1.04 0.37	61.73 1.80 0.05	67.42 2.34 0.04	66.86 1.82 0.00	52.73 1.19 0.00	47.47 0.75 0.00	40.74 0.96 0.16	36.47 0.68 0.05
HUNTINGTON_RES_REC 323705	35.59 1.57 0.00	31.44 1.30 0.00	27.89 1.07 0.00	27.54 1.06 0.00	27.12 0.99 0.00	28.09 0.90 0.00	29.91 0.73 0.00	30.12 1.02 0.00	29.19 0.88 0.00	30.59 1.23 0.00	31.23 1.71 -0.01	33.28 1.82 -0.16	35.93 2.08 -0.38	38.15 2.27 -0.51	39.88 2.19 -0.58	44.69 1.64 -0.93	49.50 1.13 -1.29	61.66 1.50 -0.18	66.56 1.30 -0.14	65.30 0.26 0.00	51.75 0.21 0.00	46.53 -0.19 0.01	41.44 0.96 -0.54	36.87 0.86 -0.17
HUNTLEY___63 23557	33.85 -0.17 0.00	30.75 0.27 -0.33	27.26 0.35 -0.09	26.46 -0.03 -0.01	26.51 0.34 -0.04	27.69 0.38 -0.12	30.32 0.79 -0.35	30.38 0.93 -0.35	29.19 0.68 -0.20	30.28 0.70 -0.22	30.07 0.56 0.00	32.01 0.59 -0.11	35.00 0.84 -0.70	36.99 0.78 -0.83	39.15 1.08 -0.96	43.90 0.51 -1.28	48.94 0.14 -1.72	61.27 -1.32 -2.61	66.28 -1.82 -2.98	66.31 -1.82 -3.09	52.60 -0.98 -2.04	48.13 -0.28 -1.68	40.92 -0.24 -1.22	38.10 1.33 -0.93
HUNTLEY___64 23558	33.85 -0.17 0.00	30.75 0.27 -0.33	27.26 0.35 -0.09	26.46 -0.03 -0.01	26.51 0.34 -0.04	27.69 0.38 -0.12	30.32 0.79 -0.35	30.38 0.93 -0.35	29.19 0.68 -0.20	30.28 0.70 -0.22	30.07 0.56 0.00	32.01 0.59 -0.11	35.00 0.84 -0.70	36.99 0.78 -0.83	39.15 1.08 -0.96	43.90 0.51 -1.28	48.94 0.14 -1.72	61.27 -1.32 -2.61	66.28 -1.82 -2.98	66.31 -1.82 -3.09	52.60 -0.98 -2.04	48.13 -0.28 -1.68	40.92 -0.24 -1.22	38.10 1.33 -0.93
HUNTLEY___65 23559	33.85 -0.17 0.00	30.75 0.27 -0.33	27.26 0.35 -0.09	26.46 -0.03 -0.01	26.51 0.34 -0.04	27.69 0.38 -0.12	30.32 0.79 -0.35	30.38 0.93 -0.35	29.19 0.68 -0.20	30.28 0.70 -0.22	30.07 0.56 0.00	32.01 0.59 -0.11	35.00 0.84 -0.70	36.99 0.78 -0.83	39.15 1.08 -0.96	43.90 0.51 -1.28	48.94 0.14 -1.72	61.27 -1.32 -2.61	66.28 -1.82 -2.98	66.31 -1.82 -3.09	52.60 -0.98 -2.04	48.13 -0.28 -1.68	40.92 -0.24 -1.22	38.10 1.33 -0.93
HUNTLEY___66 23560	33.85 -0.17 0.00	30.75 0.27 -0.33	27.26 0.35 -0.09	26.46 -0.03 -0.01	26.51 0.34 -0.04	27.69 0.38 -0.12	30.32 0.79 -0.35	30.38 0.93 -0.35	29.19 0.68 -0.20	30.28 0.70 -0.22	30.07 0.56 0.00	32.01 0.59 -0.11	35.00 0.84 -0.70	36.99 0.78 -0.83	39.15 1.08 -0.96	43.90 0.51 -1.28	48.94 0.14 -1.72	61.27 -1.32 -2.61	66.28 -1.82 -2.98	66.31 -1.82 -3.09	52.60 -0.98 -2.04	48.13 -0.28 -1.68	40.92 -0.24 -1.22	38.10 1.33 -0.93
HUNTLEY___67 23561	33.72 -0.31 0.00	30.50 0.03 -0.33	27.04 0.13 -0.09	26.27 -0.21 -0.01	26.33 0.16 -0.04	27.47 0.16 -0.12	30.08 0.55 -0.35	30.11 0.67 -0.35	29.00 0.48 -0.20	30.13 0.56 -0.22	30.01 0.50 0.00	31.95 0.53 -0.11	34.90 0.74 -0.69	36.88 0.67 -0.83	39.04 0.96 -0.96	43.73 0.34 -1.28	48.79 0.00 -1.71	61.08 -1.50 -2.60	66.07 -2.02 -2.97	66.11 -2.02 -3.08	52.39 -1.19 -2.03	48.03 -0.37 -1.67	40.80 -0.36 -1.22	37.74 0.97 -0.93
HUNTLEY___68 23562	33.72 -0.31 0.00	30.50 0.03 -0.33	27.04 0.13 -0.09	26.27 -0.21 -0.01	26.33 0.16 -0.04	27.47 0.16 -0.12	30.08 0.55 -0.35	30.11 0.67 -0.35	29.00 0.48 -0.20	30.13 0.56 -0.22	30.01 0.50 0.00	31.95 0.53 -0.11	34.90 0.74 -0.69	36.88 0.67 -0.83	39.04 0.96 -0.96	43.73 0.34 -1.28	48.79 0.00 -1.71	61.08 -1.50 -2.60	66.07 -2.02 -2.97	66.11 -2.02 -3.08	52.39 -1.19 -2.03	48.03 -0.37 -1.67	40.80 -0.36 -1.22	37.74 0.97 -0.93

HYLAND___LFGE 323620	35.59 1.57 0.00	31.96 1.45 -0.37	28.20 1.29 -0.10	27.55 1.06 -0.01	27.46 1.28 -0.05	28.66 1.33 -0.13	31.35 1.78 -0.39	31.37 1.89 -0.39	29.75 1.22 -0.22	30.53 0.94 -0.24	30.31 0.80 0.00	32.12 0.69 -0.12	35.18 0.94 -0.77	37.29 0.99 -0.92	39.48 1.30 -1.07	44.93 1.39 -1.42	51.15 2.17 -1.91	65.87 3.00 -2.90	72.66 4.23 -3.31	73.02 4.55 -3.43	57.52 3.71 -2.26	51.81 3.22 -1.86	43.73 2.44 -1.36	39.60 2.72 -1.04
INDECK___CORINTH 23802	34.67 0.64 0.00	30.89 0.72 -0.03	27.43 0.62 0.00	27.22 0.74 0.00	26.81 0.68 0.00	27.87 0.68 0.00	29.91 0.73 0.00	29.74 0.64 0.00	28.71 0.40 0.00	29.56 0.21 0.00	29.60 0.09 0.00	31.28 0.09 0.12	33.24 0.07 0.30	34.84 -0.14 0.40	36.69 0.04 0.46	41.70 0.34 0.76	46.60 0.57 1.05	61.10 1.26 0.14	67.02 2.02 0.12	67.06 2.02 0.00	52.93 1.39 0.00	47.89 1.17 0.00	40.37 0.88 0.44	36.31 0.61 0.14
INDECK___ILION 23567	34.16 0.14 0.00	30.26 0.12 0.00	26.90 0.08 0.00	26.61 0.13 0.00	26.23 0.10 0.00	27.30 0.11 0.00	29.26 0.09 0.00	29.19 0.09 0.00	28.37 0.06 0.00	29.39 0.03 0.00	29.54 0.03 0.00	31.34 0.03 0.00	33.51 0.03 0.00	35.42 0.04 0.00	37.19 0.07 0.00	42.24 0.13 0.00	47.22 0.14 0.00	60.16 0.18 0.00	65.44 0.33 0.00	65.36 0.33 0.00	51.75 0.21 0.00	46.87 0.14 0.00	40.16 0.12 -0.10	36.02 0.11 -0.07
INDECK___OLEAN 23982	33.68 -0.34 0.00	30.43 -0.06 -0.35	26.91 0.00 -0.10	26.22 -0.26 -0.01	26.23 0.05 -0.04	27.37 0.05 -0.12	29.86 0.32 -0.36	29.72 0.26 -0.36	28.69 0.17 -0.21	29.90 0.32 -0.22	29.89 0.38 0.00	31.73 0.31 -0.11	34.76 0.57 -0.72	36.81 0.56 -0.86	38.85 0.74 -1.00	43.70 0.25 -1.33	48.96 0.09 -1.78	61.79 -0.90 -2.71	67.44 -0.78 -3.10	67.34 -0.91 -3.21	53.30 -0.36 -2.12	47.86 -0.61 -1.74	40.69 -0.52 -1.27	37.42 0.61 -0.97
INDECK___OSWEGO 23783	33.48 -0.55 0.00	31.23 -0.48 -1.57	26.79 -0.46 -0.44	26.07 -0.45 -0.04	25.91 -0.42 -0.20	27.31 -0.44 -0.55	30.40 -0.44 -1.65	30.33 -0.41 -1.64	28.75 -0.51 -0.95	29.85 -0.53 -1.02	28.98 -0.53 0.00	31.25 -0.56 -0.51	36.22 -0.54 -3.28	38.71 -0.60 -3.93	41.05 -0.60 -4.53	47.48 -0.68 -6.04	54.52 -0.66 -8.10	71.40 -0.90 -12.31	78.41 -0.78 -14.07	78.86 -0.78 -14.60	60.49 -0.67 -9.63	54.04 -0.61 -7.92	45.30 -0.60 -5.96	39.88 -0.50 -4.54
INDECK___YERKES 23781	33.86 -0.17 0.00	30.74 0.27 -0.33	27.25 0.35 -0.09	26.48 0.00 -0.01	26.54 0.37 -0.04	27.72 0.41 -0.12	30.34 0.82 -0.35	30.40 0.96 -0.35	29.19 0.68 -0.20	30.31 0.73 -0.22	30.28 0.77 0.00	32.04 0.63 -0.11	35.10 0.94 -0.70	37.03 0.81 -0.83	39.19 1.11 -0.96	43.95 0.55 -1.28	48.99 0.19 -1.72	61.33 -1.26 -2.61	66.60 -1.50 -2.98	66.38 -1.75 -3.09	52.86 -0.72 -2.04	48.17 -0.23 -1.68	40.96 -0.20 -1.22	38.17 1.40 -0.93
INDIAN POINT_GT_1 24139	35.49 1.46 0.00	31.35 1.21 0.00	27.89 1.07 0.00	27.61 1.14 0.00	27.20 1.07 0.00	28.25 1.06 0.00	30.14 0.96 0.00	30.15 1.05 0.00	29.31 0.99 0.00	30.56 1.20 0.00	30.87 1.36 0.00	32.86 1.41 -0.15	35.48 1.64 -0.37	37.64 1.77 -0.49	39.38 1.71 -0.56	44.80 1.77 -0.92	49.90 1.55 -1.27	61.83 1.68 -0.17	67.15 1.89 -0.14	66.79 1.76 0.00	52.62 1.08 0.00	47.66 0.93 0.00	41.59 1.12 -0.53	36.97 0.97 -0.16
INDIAN POINT_GT_2 23659	35.49 1.46 0.00	31.35 1.21 0.00	27.89 1.07 0.00	27.61 1.14 0.00	27.20 1.07 0.00	28.25 1.06 0.00	30.14 0.96 0.00	30.15 1.05 0.00	29.31 0.99 0.00	30.56 1.20 0.00	30.87 1.36 0.00	32.86 1.41 -0.15	35.48 1.64 -0.37	37.64 1.77 -0.49	39.38 1.71 -0.56	44.80 1.77 -0.92	49.90 1.55 -1.27	61.83 1.68 -0.17	67.15 1.89 -0.14	66.79 1.76 0.00	52.62 1.08 0.00	47.66 0.93 0.00	41.59 1.12 -0.53	36.97 0.97 -0.16
INDIAN POINT_GT_3 24019	35.49 1.46 0.00	31.35 1.21 0.00	27.89 1.07 0.00	27.61 1.14 0.00	27.20 1.07 0.00	28.25 1.06 0.00	30.14 0.96 0.00	30.15 1.05 0.00	29.31 0.99 0.00	30.56 1.20 0.00	30.87 1.36 0.00	32.86 1.41 -0.15	35.48 1.64 -0.37	37.64 1.77 -0.49	39.38 1.71 -0.56	44.80 1.77 -0.92	49.90 1.55 -1.27	61.83 1.68 -0.17	67.15 1.89 -0.14	66.79 1.76 0.00	52.62 1.08 0.00	47.66 0.93 0.00	41.59 1.12 -0.53	36.97 0.97 -0.16
INDIAN POINT___2 23530	35.45 1.43 0.00	31.35 1.21 0.00	27.86 1.04 0.00	27.61 1.14 0.00	27.18 1.05 0.00	28.23 1.03 0.00	30.14 0.96 0.00	30.12 1.02 0.00	29.31 0.99 0.00	30.56 1.20 0.00	30.81 1.30 0.00	32.86 1.41 -0.14	35.44 1.61 -0.36	37.62 1.77 -0.48	39.37 1.71 -0.55	44.78 1.77 -0.89	49.87 1.55 -1.23	61.77 1.62 -0.17	67.07 1.82 -0.14	66.67 1.63 0.00	52.52 0.98 0.00	47.61 0.89 0.00	41.54 1.08 -0.52	36.93 0.93 -0.16
INDIAN POINT___3 23531	35.45 1.43 0.00	31.32 1.18 0.00	27.86 1.05 0.00	27.59 1.11 0.00	27.17 1.05 0.00	28.23 1.03 0.00	30.11 0.93 0.00	30.09 0.99 0.00	29.28 0.96 0.00	30.53 1.17 0.00	30.81 1.30 0.00	32.83 1.38 -0.14	35.41 1.57 -0.36	37.60 1.73 -0.48	39.34 1.67 -0.56	44.75 1.73 -0.91	49.84 1.51 -1.26	61.71 1.56 -0.17	67.08 1.82 -0.14	66.73 1.69 0.00	52.57 1.03 0.00	47.61 0.89 0.00	41.51 1.04 -0.53	36.94 0.93 -0.16
INGHAM_C_115KV_TB7 356103	33.41 -0.61 0.00	29.57 -0.57 0.00	26.25 -0.56 0.00	26.00 -0.48 0.00	25.63 -0.50 0.00	26.65 -0.54 0.00	28.59 -0.58 0.00	28.49 -0.61 0.00	27.61 -0.71 0.00	28.56 -0.79 0.00	28.71 -0.80 0.00	30.40 -0.91 0.00	32.37 -1.10 0.00	34.07 -1.31 0.00	35.70 -1.41 0.00	40.60 -1.52 0.00	45.34 -1.74 0.00	58.00 -1.98 0.00	63.23 -1.89 0.00	63.35 -1.69 0.00	50.20 -1.34 0.00	45.60 -1.12 0.00	39.16 -0.88 -0.10	35.16 -0.75 -0.07
IP CORINTH___1 23988	34.88 0.85 0.00	31.04 0.87 -0.03	27.57 0.75 0.00	27.35 0.87 0.00	26.97 0.84 0.00	28.01 0.82 0.00	30.05 0.88 0.00	29.91 0.81 0.00	28.85 0.54 0.00	29.71 0.35 0.00	29.77 0.27 0.00	31.44 0.25 0.12	33.40 0.23 0.30	35.05 0.07 0.40	36.91 0.26 0.46	41.95 0.59 0.76	46.88 0.85 1.05	61.45 1.62 0.14	67.41 2.41 0.12	67.45 2.41 0.00	53.24 1.70 0.00	48.13 1.40 0.00	40.61 1.12 0.44	36.53 0.82 0.14
IP___TICONDEROGA 23804	36.17 2.14 0.00	32.19 2.02 -0.03	28.58 1.77 0.00	28.33 1.85 0.00	27.98 1.86 0.00	29.04 1.85 0.00	31.22 2.04 0.00	31.02 1.92 0.00	29.76 1.44 0.00	30.50 1.14 0.00	30.51 1.00 0.00	32.25 1.06 0.12	34.26 1.10 0.31	35.92 0.96 0.42	38.01 1.37 0.48	43.36 2.02 0.78	48.73 2.73 1.08	64.39 4.56 0.15	71.05 6.06 0.12	71.22 6.18 0.00	56.18 4.64 0.00	50.56 3.83 0.00	42.48 3.00 0.45	38.07 2.37 0.14
ISLIP_RES_REC 323679	35.90 1.87 0.00	31.68 1.54 0.00	28.10 1.29 0.00	27.72 1.24 0.00	27.31 1.18 0.00	28.28 1.09 0.00	30.08 0.91 0.00	30.35 1.25 0.00	29.36 1.05 0.00	30.76 1.41 0.00	31.50 1.98 -0.01	33.56 2.10 -0.16	36.27 2.41 -0.38	38.50 2.62 -0.51	40.18 2.49 -0.58	45.49 2.44 -0.93	50.30 1.93 -1.29	62.73 2.58 -0.18	67.67 2.41 -0.14	66.34 1.30 0.00	52.57 1.03 0.00	47.19 0.47 0.01	41.84 1.36 -0.54	37.12 1.11 -0.17

JAMAICA__27_KV_LOAD 355505	36.13 2.11 0.00	31.86 1.72 0.00	28.32 1.50 0.00	28.01 1.54 0.00	27.59 1.46 0.00	28.69 1.50 0.00	30.67 1.49 0.00	30.76 1.66 0.00	29.99 1.67 0.00	31.29 1.94 0.00	31.55 2.04 0.00	33.62 2.16 -0.15	36.29 2.44 -0.37	38.50 2.62 -0.50	40.17 2.49 -0.57	45.70 2.65 -0.93	50.87 2.50 -1.29	62.92 2.76 -0.18	68.32 3.06 -0.14	67.90 2.86 0.00	53.34 1.80 0.00	48.46 1.73 0.00	42.36 1.88 -0.54	37.73 1.72 -0.17
JANIS__SOLAR 323808	35.25 1.22 0.00	31.73 1.12 -0.47	27.86 0.91 -0.13	27.39 0.90 -0.01	27.13 0.94 -0.06	28.37 1.01 -0.17	30.90 1.23 -0.49	30.78 1.19 -0.49	29.42 0.82 -0.28	30.16 0.50 -0.30	29.86 0.36 0.00	31.80 0.35 -0.15	34.85 0.40 -0.98	36.98 0.43 -1.17	39.06 0.59 -1.35	44.89 0.97 -1.80	51.10 1.60 -2.42	66.29 2.64 -3.67	72.89 3.58 -4.20	73.03 3.64 -4.35	57.24 2.83 -2.87	51.38 2.29 -2.36	43.38 1.72 -1.72	38.84 1.68 -1.31
JARVIS____ 23743	34.09 0.07 0.00	30.20 0.06 0.00	26.87 0.05 0.00	26.56 0.08 0.00	26.18 0.05 0.00	27.25 0.05 0.00	29.24 0.06 0.00	29.13 0.03 0.00	28.31 0.00 0.00	29.36 0.00 0.00	29.51 0.00 0.00	31.31 0.00 0.00	33.47 0.00 0.00	35.38 0.00 0.00	37.11 0.00 0.00	42.16 0.04 0.00	47.13 0.05 0.00	59.98 0.00 0.00	65.18 0.07 0.00	65.10 0.07 0.00	51.59 0.05 0.00	46.73 0.00 0.00	40.08 0.04 -0.10	35.95 0.04 -0.07
JENNISON____1 23625	35.39 1.36 0.00	31.73 1.24 -0.36	27.96 1.05 -0.10	27.54 1.06 -0.01	27.25 1.07 -0.05	28.46 1.14 -0.13	30.86 1.31 -0.37	30.78 1.31 -0.37	29.52 0.99 -0.21	30.41 0.82 -0.23	30.25 0.74 0.00	32.21 0.78 -0.11	35.05 0.84 -0.74	37.15 0.88 -0.89	39.22 1.08 -1.02	44.92 1.43 -1.37	50.84 1.93 -1.83	65.52 2.76 -2.79	71.81 3.52 -3.18	71.92 3.58 -3.30	56.50 2.78 -2.18	50.81 2.29 -1.79	43.00 1.76 -1.31	38.52 1.68 -1.00
JENNISON____2 23626	35.39 1.36 0.00	31.73 1.24 -0.36	27.96 1.05 -0.10	27.54 1.06 -0.01	27.25 1.07 -0.05	28.46 1.14 -0.13	30.86 1.31 -0.37	30.78 1.31 -0.37	29.52 0.99 -0.21	30.41 0.82 -0.23	30.25 0.74 0.00	32.21 0.78 -0.11	35.05 0.84 -0.74	37.15 0.88 -0.89	39.22 1.08 -1.02	44.92 1.43 -1.37	50.84 1.93 -1.83	65.52 2.76 -2.79	71.81 3.52 -3.18	71.92 3.58 -3.30	56.50 2.78 -2.18	50.81 2.29 -1.79	43.00 1.76 -1.31	38.52 1.68 -1.00
JERICOHO_RISE_WT_PWR 323719	34.20 0.17 0.00	30.20 0.06 0.00	26.82 0.00 0.00	26.24 -0.24 0.00	25.82 -0.31 0.00	26.87 -0.33 0.00	28.86 -0.32 0.00	28.84 -0.26 0.00	28.31 0.00 0.00	29.30 -0.06 0.00	29.45 -0.06 0.00	31.21 -0.09 0.00	33.04 -0.44 0.00	34.92 -0.46 0.00	36.59 -0.52 0.00	41.66 -0.46 0.00	47.03 -0.05 0.00	60.88 0.90 0.00	66.22 1.11 0.00	66.08 1.04 0.00	52.47 0.93 0.00	47.89 1.17 0.00	41.58 1.00 -0.64	37.19 0.90 -0.46
KATONAH__115KV_46KV_TB4 355592	35.66 1.63 0.00	31.50 1.36 0.00	27.99 1.18 0.00	27.75 1.27 0.00	27.33 1.20 0.00	28.36 1.17 0.00	30.26 1.08 0.00	30.26 1.16 0.00	29.42 1.10 0.00	30.68 1.32 0.00	30.98 1.48 0.00	32.99 1.53 -0.15	35.58 1.74 -0.37	37.75 1.88 -0.49	39.54 1.86 -0.57	45.02 1.98 -0.92	50.20 1.84 -1.28	62.20 2.04 -0.18	67.54 2.28 -0.14	67.19 2.15 0.00	52.98 1.44 0.00	47.99 1.26 0.00	41.80 1.32 -0.54	37.12 1.11 -0.17
KCE_NY_1 323755	35.25 1.22 0.00	31.29 1.12 -0.03	27.81 0.99 0.00	27.59 1.11 0.00	27.18 1.05 0.00	28.25 1.06 0.00	30.29 1.11 0.00	30.12 1.02 0.00	29.11 0.79 0.00	30.03 0.68 0.00	30.10 0.59 0.00	31.77 0.59 0.13	33.78 0.63 0.32	35.55 0.60 0.43	37.40 0.78 0.50	42.40 1.09 0.81	47.28 1.32 1.12	61.80 1.98 0.15	67.53 2.54 0.13	67.64 2.60 0.00	53.45 1.91 0.00	48.32 1.59 0.00	40.78 1.32 0.47	36.77 1.07 0.14
KCE_NY_6_ESR 323823	33.96 -0.07 0.00	30.66 0.18 -0.34	27.18 0.27 -0.09	26.43 -0.05 -0.01	26.46 0.29 -0.04	27.61 0.30 -0.12	30.23 0.70 -0.36	30.24 0.79 -0.35	29.14 0.62 -0.20	30.28 0.70 -0.22	30.33 0.83 0.00	32.14 0.72 -0.11	35.22 1.04 -0.71	37.18 0.96 -0.85	39.31 1.22 -0.98	44.13 0.72 -1.30	49.30 0.47 -1.74	61.85 -0.78 -2.65	67.23 -0.91 -3.03	67.08 -1.11 -3.14	53.36 -0.26 -2.07	48.43 0.00 -1.71	41.18 0.00 -1.24	38.04 1.25 -0.95
KEDC_PORT_JEFF_GT2 24210	35.73 1.70 0.00	31.56 1.42 0.00	27.99 1.18 0.00	27.61 1.14 0.00	27.20 1.07 0.00	28.17 0.98 0.00	29.99 0.82 0.00	30.23 1.13 0.00	29.25 0.93 0.00	30.65 1.29 0.00	31.35 1.83 -0.01	33.41 1.94 -0.16	36.06 2.21 -0.38	38.29 2.41 -0.51	39.96 2.26 -0.58	45.15 2.11 -0.93	49.92 1.55 -1.29	62.26 2.10 -0.18	66.76 1.50 -0.14	65.50 0.46 0.00	52.16 0.62 0.00	46.91 0.19 0.01	41.60 1.12 -0.54	36.94 0.93 -0.17
KEDC_PORT_JEFF_GT3 24211	35.73 1.70 0.00	31.56 1.42 0.00	27.99 1.18 0.00	27.61 1.14 0.00	27.20 1.07 0.00	28.17 0.98 0.00	29.99 0.82 0.00	30.23 1.13 0.00	29.25 0.93 0.00	30.65 1.29 0.00	31.35 1.83 -0.01	33.41 1.94 -0.16	36.06 2.21 -0.38	38.29 2.41 -0.51	39.96 2.26 -0.58	45.15 2.11 -0.93	49.92 1.55 -1.29	62.26 2.10 -0.18	66.76 1.50 -0.14	65.50 0.46 0.00	52.16 0.62 0.00	46.91 0.19 0.01	41.60 1.12 -0.54	36.94 0.93 -0.17
KEDC_GLWD_GT4 24219	35.79 1.77 0.00	31.62 1.48 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.39 1.20 0.00	30.29 1.11 0.00	30.35 1.25 0.00	29.50 1.19 0.00	30.85 1.50 0.00	31.32 1.80 -0.02	33.38 1.91 -0.16	35.97 2.11 -0.39	38.16 2.27 -0.51	39.93 2.23 -0.59	45.28 2.23 -0.93	49.92 1.55 -1.29	61.95 1.80 -0.18	67.15 1.89 -0.14	66.41 1.37 0.00	52.36 0.82 0.00	47.38 0.65 0.00	41.88 1.40 -0.54	37.23 1.22 -0.17
KEDC_GLWD_GT5 24220	35.79 1.77 0.00	31.62 1.48 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.39 1.20 0.00	30.29 1.11 0.00	30.35 1.25 0.00	29.50 1.19 0.00	30.85 1.50 0.00	31.32 1.80 -0.02	33.38 1.91 -0.16	35.97 2.11 -0.39	38.16 2.27 -0.51	39.93 2.23 -0.59	45.28 2.23 -0.93	49.92 1.55 -1.29	61.95 1.80 -0.18	67.15 1.89 -0.14	66.41 1.37 0.00	52.36 0.82 0.00	47.38 0.65 0.00	41.88 1.40 -0.54	37.23 1.22 -0.17
KENSICO____ 23655	35.59 1.57 0.00	31.44 1.30 0.00	27.97 1.15 0.00	27.69 1.22 0.00	27.28 1.15 0.00	28.34 1.14 0.00	30.23 1.05 0.00	30.23 1.13 0.00	29.42 1.10 0.00	30.68 1.32 0.00	30.96 1.45 0.00	32.99 1.53 -0.15	35.59 1.74 -0.37	37.79 1.91 -0.50	39.54 1.86 -0.57	44.94 1.90 -0.93	50.06 1.69 -1.29	61.96 1.80 -0.18	67.28 2.02 -0.14	66.92 1.89 0.00	52.73 1.19 0.00	47.75 1.03 0.00	41.68 1.20 -0.54	37.08 1.08 -0.17
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.90 1.87 0.00	31.68 1.54 0.00	28.18 1.37 0.00	27.88 1.40 0.00	27.46 1.33 0.00	28.53 1.33 0.00	30.49 1.31 0.00	30.38 1.28 0.00	29.53 1.22 0.00	30.74 1.38 0.00	30.98 1.48 0.00	32.97 1.57 -0.09	35.51 1.81 -0.23	37.71 2.02 -0.31	39.48 2.00 -0.36	45.02 2.32 -0.58	50.34 2.45 -0.81	63.09 3.00 -0.11	68.59 3.39 -0.09	68.36 3.32 0.00	53.76 2.22 0.00	48.55 1.82 0.00	42.08 1.80 -0.34	37.42 1.47 -0.10

KIAC_JFK_GT1 23816	35.93 1.91 0.00	31.68 1.54 0.00	28.16 1.34 0.00	27.85 1.38 0.00	27.46 1.33 0.00	28.55 1.36 0.00	30.49 1.31 0.00	30.58 1.48 0.00	29.82 1.50 0.00	31.12 1.76 0.00	31.37 1.86 0.00	33.43 1.97 -0.15	36.09 2.24 -0.37	38.28 2.41 -0.50	39.80 2.12 -0.57	45.28 2.23 -0.93	50.39 2.02 -1.29	62.32 2.16 -0.18	67.67 2.41 -0.14	67.25 2.21 0.00	52.83 1.29 0.00	47.99 1.26 0.00	41.96 1.48 -0.54	37.51 1.51 -0.17
KIAC_JFK_GT2 23817	35.93 1.91 0.00	31.68 1.54 0.00	28.16 1.34 0.00	27.85 1.38 0.00	27.46 1.33 0.00	28.55 1.36 0.00	30.49 1.31 0.00	30.58 1.48 0.00	29.82 1.50 0.00	31.12 1.76 0.00	31.37 1.86 0.00	33.43 1.97 -0.15	36.09 2.24 -0.37	38.28 2.41 -0.50	39.80 2.12 -0.57	45.28 2.23 -0.93	50.39 2.02 -1.29	62.32 2.16 -0.18	67.67 2.41 -0.14	67.25 2.21 0.00	52.83 1.29 0.00	47.99 1.26 0.00	41.96 1.48 -0.54	37.51 1.51 -0.17
KIAC_JFK____ 323774	35.93 1.90 0.00	31.68 1.54 0.00	28.16 1.34 0.00	27.88 1.40 0.00	27.46 1.33 0.00	28.55 1.36 0.00	30.49 1.31 0.00	30.58 1.48 0.00	29.81 1.50 0.00	31.12 1.76 0.00	31.34 1.83 0.00	33.43 1.97 -0.15	36.05 2.21 -0.37	38.28 2.41 -0.50	39.80 2.11 -0.57	45.28 2.23 -0.93	50.39 2.02 -1.29	62.31 2.16 -0.18	67.60 2.34 -0.14	67.18 2.14 0.00	52.77 1.23 0.00	47.99 1.26 0.00	41.96 1.48 -0.54	37.51 1.51 -0.17
KINTIGH__24_KV_GSU 356498	33.68 -0.34 0.00	30.46 0.00 -0.32	27.01 0.11 -0.09	26.30 -0.18 -0.01	26.30 0.13 -0.04	27.44 0.14 -0.11	29.95 0.44 -0.33	30.04 0.61 -0.33	28.96 0.45 -0.19	30.06 0.50 -0.21	30.07 0.56 0.00	31.85 0.44 -0.10	34.84 0.70 -0.66	36.77 0.60 -0.79	38.84 0.82 -0.91	43.63 0.30 -1.22	48.76 0.05 -1.63	61.09 -1.38 -2.48	66.26 -1.69 -2.84	66.10 -1.89 -2.95	52.56 -0.93 -1.94	48.00 -0.32 -1.60	40.74 -0.36 -1.16	37.52 0.79 -0.89
KINTIGH____ 23543	33.68 -0.34 0.00	30.46 0.00 -0.32	27.01 0.11 -0.09	26.27 -0.21 -0.01	26.30 0.13 -0.04	27.44 0.14 -0.11	29.95 0.44 -0.33	30.04 0.61 -0.33	28.96 0.45 -0.19	30.06 0.50 -0.21	29.95 0.44 0.00	31.85 0.44 -0.10	34.77 0.64 -0.66	36.77 0.60 -0.79	38.84 0.82 -0.91	43.63 0.29 -1.22	48.76 0.05 -1.63	61.08 -1.38 -2.48	66.07 -1.89 -2.84	66.10 -1.89 -2.95	52.35 -1.13 -1.94	48.00 -0.33 -1.60	40.74 -0.36 -1.16	37.48 0.75 -0.89
KNTFSRNC_46_KV_46KV_LOAD 80397	34.77 0.75 0.00	30.65 0.51 0.00	27.19 0.38 0.00	26.58 0.11 0.00	26.08 -0.05 0.00	27.14 -0.05 0.00	29.21 0.03 0.00	29.16 0.06 0.00	28.65 0.34 0.00	29.65 0.29 0.00	29.83 0.32 0.00	31.56 0.25 0.00	33.30 -0.17 0.00	35.24 -0.14 0.00	36.85 -0.26 0.00	42.03 -0.08 0.00	47.65 0.56 0.00	62.02 2.04 0.00	67.59 2.47 0.00	67.32 2.28 0.00	53.50 1.96 0.00	48.83 2.10 0.00	42.16 1.84 -0.38	37.76 1.65 -0.27
LACHUTE____HYDRO 323717	36.17 2.14 0.00	32.19 2.02 -0.03	28.58 1.77 0.00	28.33 1.85 0.00	27.99 1.86 0.00	29.04 1.85 0.00	31.22 2.04 0.00	31.02 1.92 0.00	29.76 1.44 0.00	30.50 1.14 0.00	30.48 0.97 0.00	32.25 1.07 0.12	34.30 1.14 0.31	35.92 0.96 0.42	38.01 1.37 0.48	43.36 2.02 0.78	48.73 2.73 1.08	64.39 4.56 0.15	71.05 6.06 0.12	71.15 6.11 0.00	56.08 4.54 0.00	50.56 3.83 0.00	42.48 3.00 0.45	38.07 2.36 0.14
LAWRNCALV_115KV_TB1 80681	34.30 0.27 0.00	30.50 0.24 -0.12	27.06 0.21 -0.03	26.58 0.11 0.00	26.22 0.08 -0.02	27.37 0.14 -0.04	29.57 0.26 -0.13	29.49 0.26 -0.13	28.73 0.34 -0.07	29.67 0.23 -0.08	29.80 0.30 0.00	31.60 0.25 -0.04	33.76 0.03 -0.25	35.75 0.07 -0.30	37.54 0.07 -0.35	42.80 0.21 -0.47	48.08 0.38 -0.63	61.77 0.84 -0.95	67.24 1.04 -1.09	67.08 0.91 -1.13	53.11 0.82 -0.74	48.46 1.12 -0.61	46.10 1.00 -5.17	40.31 0.79 -3.68
LEDERLE____ 23769	35.62 1.60 0.00	31.47 1.33 0.00	27.99 1.18 0.00	27.72 1.24 0.00	27.31 1.18 0.00	28.36 1.17 0.00	30.26 1.08 0.00	30.23 1.13 0.00	29.42 1.10 0.00	30.68 1.32 0.00	30.96 1.45 0.00	32.98 1.53 -0.14	35.60 1.77 -0.35	37.79 1.95 -0.46	39.54 1.89 -0.53	45.01 2.02 -0.87	50.17 1.88 -1.21	62.19 2.04 -0.17	67.59 2.34 -0.14	67.25 2.21 0.00	52.98 1.44 0.00	47.94 1.21 0.00	41.76 1.32 -0.51	37.14 1.15 -0.16
LIGHTHSE_115KV_TB6 355974	33.99 -0.03 0.00	31.01 -0.03 -0.90	26.98 -0.08 -0.25	26.42 -0.08 -0.02	26.19 -0.05 -0.12	27.45 -0.05 -0.32	30.15 0.03 -0.94	30.06 0.03 -0.93	28.71 -0.14 -0.54	29.70 -0.23 -0.58	29.24 -0.27 0.00	31.32 -0.28 -0.29	35.08 -0.27 -1.87	37.34 -0.28 -2.24	39.44 -0.26 -2.58	45.44 -0.13 -3.44	51.75 0.05 -4.62	67.18 0.18 -7.02	73.66 0.52 -8.02	73.95 0.59 -8.32	57.44 0.41 -5.49	51.66 0.42 -4.52	43.86 0.20 -3.72	38.84 0.18 -2.82
LINDEN COGEN____ 23786	35.59 1.57 0.00	31.41 1.27 0.00	27.94 1.13 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.28 1.09 0.00	30.20 1.02 0.00	30.23 1.13 0.00	29.45 1.13 0.00	30.74 1.38 0.00	31.01 1.50 0.00	33.08 1.63 -0.15	35.69 1.84 -0.37	37.89 2.02 -0.50	39.61 1.93 -0.57	42.60 1.94 1.46	42.45 1.60 6.24	44.29 1.56 17.25	51.60 1.69 15.20	52.61 1.50 13.93	43.74 0.82 8.62	42.09 0.93 5.57	41.10 1.16 0.00	37.04 1.04 -0.16
LINDHRST_69_KV_BK1 356055	35.96 1.94 0.00	31.80 1.66 0.00	28.21 1.39 0.00	27.83 1.35 0.00	27.41 1.28 0.00	28.39 1.20 0.00	30.23 1.05 0.00	30.58 1.48 0.00	29.50 1.19 0.00	30.91 1.56 0.00	31.58 2.07 -0.01	33.63 2.16 -0.16	36.30 2.44 -0.38	38.51 2.62 -0.51	40.26 2.56 -0.58	45.45 2.40 -0.93	50.30 1.93 -1.29	62.62 2.46 -0.18	67.93 2.67 -0.14	66.73 1.69 0.00	52.73 1.19 0.00	47.42 0.70 0.01	41.96 1.48 -0.54	37.30 1.29 -0.17
LIPA_MISC_IPP 23656	35.52 1.50 0.00	31.38 1.24 0.00	27.81 0.99 0.00	27.43 0.95 0.00	27.04 0.91 0.00	27.98 0.79 0.00	29.79 0.61 0.00	30.35 1.25 0.00	29.08 0.76 0.00	30.44 1.09 0.00	31.17 1.65 -0.01	33.19 1.72 -0.16	35.83 1.97 -0.38	38.04 2.16 -0.51	39.70 2.00 -0.58	44.90 1.85 -0.93	49.64 1.27 -1.29	61.84 1.68 -0.18	66.95 1.69 -0.14	65.62 0.59 0.00	51.90 0.36 0.00	46.58 -0.14 0.01	41.32 0.84 -0.54	36.65 0.65 -0.17
LISF____SOLAR 323691	35.56 1.53 0.00	31.41 1.27 0.00	27.83 1.02 0.00	27.46 0.98 0.00	27.07 0.94 0.00	28.01 0.82 0.00	29.82 0.64 0.00	30.12 1.02 0.00	29.11 0.79 0.00	30.47 1.12 0.00	31.17 1.65 -0.01	33.22 1.75 -0.16	35.86 2.01 -0.38	38.08 2.19 -0.51	39.73 2.04 -0.58	44.99 1.94 -0.93	49.74 1.37 -1.29	61.95 1.80 -0.18	66.95 1.69 -0.14	65.62 0.58 0.00	51.95 0.41 0.00	46.67 -0.05 0.01	41.40 0.92 -0.54	36.72 0.72 -0.17
LITTLE FALLS____HYD 24013	33.41 -0.61 0.00	29.57 -0.57 0.00	26.25 -0.56 0.00	26.00 -0.48 0.00	25.63 -0.50 0.00	26.65 -0.54 0.00	28.59 -0.58 0.00	28.49 -0.61 0.00	27.61 -0.71 0.00	28.56 -0.79 0.00	28.71 -0.80 0.00	30.40 -0.91 0.00	32.37 -1.10 0.00	34.07 -1.31 0.00	35.70 -1.41 0.00	40.60 -1.52 0.00	45.34 -1.74 0.00	58.00 -1.98 0.00	63.23 -1.89 0.00	63.35 -1.69 0.00	50.20 -1.34 0.00	45.60 -1.12 0.00	39.16 -0.88 -0.10	35.16 -0.75 -0.07

LITTLRIV_115KV_TB1 356100	34.60 0.58 0.00	30.75 0.48 -0.13	27.28 0.43 -0.04	26.80 0.32 0.00	26.43 0.29 -0.02	27.62 0.38 -0.05	29.84 0.53 -0.14	29.73 0.49 -0.13	28.90 0.51 -0.08	29.79 0.35 -0.08	29.89 0.38 0.00	31.73 0.38 -0.04	33.84 0.10 -0.27	35.88 0.18 -0.32	37.71 0.22 -0.37	43.04 0.42 -0.50	48.45 0.71 -0.67	62.49 1.50 -1.01	68.10 1.82 -1.16	68.00 1.76 -1.20	53.83 1.49 -0.79	49.01 1.64 -0.65	46.36 1.44 -4.98	40.54 1.15 -3.55
LI_NEWBRDGE___DRP 323616	35.49 1.46 0.00	31.38 1.24 0.00	27.83 1.02 0.00	27.48 1.01 0.00	27.10 0.97 0.00	28.06 0.87 0.00	29.91 0.73 0.00	30.17 1.08 0.00	29.16 0.85 0.00	30.56 1.20 0.00	31.11 1.59 -0.01	33.12 1.66 -0.16	35.73 1.87 -0.38	37.83 1.95 -0.50	39.62 1.93 -0.58	44.73 1.68 -0.93	49.50 1.13 -1.29	61.54 1.38 -0.18	66.76 1.50 -0.14	65.75 0.72 0.00	51.90 0.36 0.00	46.81 0.09 0.01	41.40 0.92 -0.54	36.83 0.82 -0.17
LOCKPORT_115KV_TB60_63_64 80432	33.96 -0.07 0.00	30.41 -0.06 -0.33	26.99 0.08 -0.09	26.19 -0.29 -0.01	26.25 0.08 -0.04	27.42 0.11 -0.12	30.02 0.50 -0.35	30.08 0.64 -0.35	28.91 0.40 -0.20	30.01 0.44 -0.22	29.89 0.38 0.00	31.82 0.41 -0.11	34.77 0.60 -0.69	36.78 0.57 -0.83	38.89 0.82 -0.96	43.61 0.21 -1.28	48.65 -0.14 -1.71	60.84 -1.74 -2.60	65.81 -2.28 -2.97	65.91 -2.21 -3.09	52.23 -1.34 -2.03	47.89 -0.51 -1.67	40.72 -0.44 -1.22	37.67 0.90 -0.93
LOCKPORT___CC1 323769	33.92 -0.10 0.00	30.44 -0.03 -0.33	26.99 0.08 -0.09	26.22 -0.26 -0.01	26.28 0.10 -0.04	27.42 0.11 -0.12	30.02 0.50 -0.35	30.08 0.64 -0.35	28.94 0.43 -0.20	30.04 0.47 -0.22	30.10 0.59 0.00	31.82 0.41 -0.11	34.87 0.70 -0.69	36.78 0.56 -0.83	38.93 0.85 -0.96	43.61 0.21 -1.28	48.65 -0.14 -1.71	60.84 -1.74 -2.61	66.07 -2.02 -2.98	65.92 -2.21 -3.09	52.49 -1.08 -2.04	47.94 -0.47 -1.68	40.72 -0.44 -1.22	37.70 0.93 -0.93
LOCKPORT___CC2 323770	33.92 -0.10 0.00	30.44 -0.03 -0.33	26.99 0.08 -0.09	26.22 -0.26 -0.01	26.28 0.10 -0.04	27.42 0.11 -0.12	30.02 0.50 -0.35	30.08 0.64 -0.35	28.94 0.43 -0.20	30.04 0.47 -0.22	30.10 0.59 0.00	31.82 0.41 -0.11	34.87 0.70 -0.69	36.78 0.56 -0.83	38.93 0.85 -0.96	43.61 0.21 -1.28	48.65 -0.14 -1.71	60.84 -1.74 -2.61	66.07 -2.02 -2.98	65.92 -2.21 -3.09	52.49 -1.08 -2.04	47.94 -0.47 -1.68	40.72 -0.44 -1.22	37.70 0.93 -0.93
LOCKPORT___CC3 323771	33.92 -0.10 0.00	30.44 -0.03 -0.33	26.99 0.08 -0.09	26.22 -0.26 -0.01	26.28 0.10 -0.04	27.42 0.11 -0.12	30.02 0.50 -0.35	30.08 0.64 -0.35	28.94 0.43 -0.20	30.04 0.47 -0.22	30.10 0.59 0.00	31.82 0.41 -0.11	34.87 0.70 -0.69	36.78 0.56 -0.83	38.93 0.85 -0.96	43.61 0.21 -1.28	48.65 -0.14 -1.71	60.84 -1.74 -2.61	66.07 -2.02 -2.98	65.92 -2.21 -3.09	52.49 -1.08 -2.04	47.94 -0.47 -1.68	40.72 -0.44 -1.22	37.70 0.93 -0.93
LOCUSVLY_69_KV_BK2 55797	35.83 1.80 0.00	31.68 1.54 0.00	28.13 1.31 0.00	27.77 1.30 0.00	27.38 1.25 0.00	28.39 1.20 0.00	30.26 1.08 0.00	30.44 1.34 0.00	29.50 1.19 0.00	30.88 1.53 0.00	31.44 1.92 -0.01	33.47 2.00 -0.16	36.10 2.24 -0.39	38.30 2.41 -0.51	40.07 2.38 -0.58	45.24 2.19 -0.93	50.02 1.65 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	66.53 1.50 0.00	52.52 0.98 0.00	47.38 0.65 0.00	41.84 1.36 -0.54	37.26 1.25 -0.17
LONG_LAKE_PHOENIX 24014	33.85 -0.17 0.00	30.48 -0.15 -0.49	26.82 -0.13 -0.14	26.30 -0.19 -0.01	26.06 -0.13 -0.06	27.23 -0.14 -0.17	29.60 -0.09 -0.51	29.55 -0.06 -0.51	28.44 -0.17 -0.29	29.47 -0.21 -0.32	29.27 -0.24 0.00	31.25 -0.22 -0.16	34.36 -0.13 -1.02	36.42 -0.18 -1.22	38.33 -0.19 -1.41	43.78 -0.21 -1.88	49.50 -0.09 -2.52	63.62 -0.18 -3.82	69.42 -0.07 -4.37	69.51 -0.07 -4.53	54.42 -0.10 -2.99	49.04 -0.14 -2.46	41.62 -0.24 -1.92	37.16 -0.14 -1.46
LOVETT___3 23632	35.45 1.43 0.00	31.32 1.18 0.00	27.86 1.05 0.00	27.59 1.11 0.00	27.17 1.05 0.00	28.23 1.03 0.00	30.11 0.93 0.00	30.09 0.99 0.00	29.28 0.96 0.00	30.53 1.17 0.00	30.81 1.30 0.00	32.83 1.38 -0.14	35.43 1.61 -0.35	37.58 1.73 -0.47	39.32 1.67 -0.54	44.73 1.73 -0.88	49.81 1.51 -1.22	61.77 1.62 -0.17	67.07 1.82 -0.14	66.73 1.69 0.00	52.57 1.03 0.00	47.61 0.89 0.00	41.53 1.08 -0.51	36.93 0.93 -0.16
LOVETT___4 23642	35.45 1.43 0.00	31.32 1.18 0.00	27.86 1.05 0.00	27.59 1.11 0.00	27.17 1.05 0.00	28.23 1.03 0.00	30.11 0.93 0.00	30.09 0.99 0.00	29.28 0.96 0.00	30.53 1.17 0.00	30.81 1.30 0.00	32.83 1.38 -0.14	35.43 1.61 -0.35	37.58 1.73 -0.47	39.32 1.67 -0.54	44.73 1.73 -0.88	49.81 1.51 -1.22	61.77 1.62 -0.17	67.07 1.82 -0.14	66.73 1.69 0.00	52.57 1.03 0.00	47.61 0.89 0.00	41.53 1.08 -0.51	36.93 0.93 -0.16
LOVETT___5 23593	35.45 1.43 0.00	31.32 1.18 0.00	27.86 1.05 0.00	27.59 1.11 0.00	27.17 1.05 0.00	28.23 1.03 0.00	30.11 0.93 0.00	30.09 0.99 0.00	29.28 0.96 0.00	30.53 1.17 0.00	30.81 1.30 0.00	32.83 1.38 -0.14	35.43 1.61 -0.35	37.58 1.73 -0.47	39.32 1.67 -0.54	44.73 1.73 -0.88	49.81 1.51 -1.22	61.77 1.62 -0.17	67.07 1.82 -0.14	66.73 1.69 0.00	52.57 1.03 0.00	47.61 0.89 0.00	41.53 1.08 -0.51	36.93 0.93 -0.16
LOWER RAQUET___HYD 24057	34.33 0.31 0.00	30.55 0.27 -0.14	27.09 0.24 -0.04	26.59 0.11 0.00	26.25 0.10 -0.02	27.41 0.16 -0.05	29.61 0.29 -0.14	29.50 0.26 -0.14	28.74 0.34 -0.08	29.68 0.23 -0.09	29.77 0.26 0.00	31.60 0.25 -0.04	33.76 0.00 -0.29	35.79 0.07 -0.34	37.55 0.04 -0.39	42.86 0.21 -0.53	48.16 0.37 -0.71	61.95 0.90 -1.07	67.38 1.04 -1.23	67.29 0.98 -1.27	53.20 0.82 -0.84	48.58 1.17 -0.69	45.83 1.08 -4.81	40.14 0.86 -3.43
LOWER___HUDSON 24059	34.98 0.95 0.00	31.05 0.84 -0.07	27.56 0.75 0.00	27.40 0.93 0.00	26.94 0.81 0.00	28.06 0.87 0.00	30.02 0.85 0.00	29.83 0.73 0.00	28.94 0.62 0.00	29.94 0.59 0.00	30.04 0.53 0.00	31.70 0.56 0.17	33.58 0.53 0.42	35.38 0.56 0.56	37.10 0.63 0.65	41.86 0.80 1.05	46.42 0.80 1.46	60.86 1.08 0.20	66.32 1.37 0.16	66.47 1.43 0.00	52.57 1.03 0.00	47.47 0.75 0.00	40.04 0.72 0.61	36.22 0.57 0.19
LOWVILLE_115KV_TB2 356335	34.23 0.20 0.00	30.59 0.15 -0.30	26.95 0.05 -0.08	26.59 0.11 -0.01	26.22 0.05 -0.04	27.38 0.08 -0.11	29.70 0.20 -0.32	29.53 0.12 -0.32	28.41 -0.08 -0.18	29.23 -0.32 -0.20	29.18 -0.32 0.00	31.03 -0.38 -0.10	33.64 -0.47 -0.63	35.64 -0.50 -0.76	37.58 -0.41 -0.87	43.54 0.25 -1.16	49.30 0.66 -1.56	63.79 1.44 -2.37	69.85 2.02 -2.71	70.00 2.15 -2.81	55.10 1.70 -1.86	49.84 1.59 -1.53	43.52 1.24 -2.34	38.60 1.04 -1.72
LUTHERFT_115KV_GLOB_FND_222 355753	35.25 1.22 0.00	31.29 1.12 -0.03	27.78 0.97 0.00	27.56 1.09 0.00	27.15 1.02 0.00	28.25 1.06 0.00	30.26 1.08 0.00	30.12 1.02 0.00	29.11 0.79 0.00	30.03 0.68 0.00	30.10 0.59 0.00	31.77 0.59 0.13	33.75 0.60 0.32	35.55 0.60 0.43	37.40 0.78 0.50	42.36 1.05 0.81	47.23 1.27 1.12	61.74 1.92 0.15	67.53 2.54 0.13	67.58 2.54 0.00	53.45 1.91 0.00	48.27 1.54 0.00	40.79 1.32 0.47	36.77 1.08 0.14

LUTHERNY_35_KV_BK2 355980	35.25 1.22 0.00	31.29 1.12 -0.03	27.81 0.99 0.00	27.59 1.11 0.00	27.17 1.05 0.00	28.25 1.06 0.00	30.29 1.11 0.00	30.12 1.02 0.00	29.11 0.79 0.00	30.03 0.68 0.00	30.10 0.59 0.00	31.77 0.59 0.13	33.78 0.64 0.32	35.55 0.60 0.43	37.40 0.78 0.50	42.41 1.10 0.81	47.28 1.32 1.12	61.80 1.98 0.15	67.59 2.60 0.13	67.64 2.60 0.00	53.50 1.96 0.00	48.31 1.59 0.00	40.83 1.36 0.47	36.77 1.08 0.14
LWR___OSWEGATCHIE_HYD 23850	34.30 0.27 0.00	30.61 0.21 -0.26	27.05 0.16 -0.07	26.61 0.13 -0.01	26.24 0.08 -0.03	27.42 0.14 -0.09	29.71 0.26 -0.27	29.57 0.20 -0.27	28.58 0.11 -0.15	29.46 -0.06 -0.16	29.48 -0.03 0.00	31.30 -0.09 -0.08	33.74 -0.27 -0.53	35.77 -0.25 -0.64	37.66 -0.19 -0.73	43.22 0.13 -0.98	48.82 0.42 -1.31	62.99 1.02 -1.99	68.83 1.43 -2.28	68.90 1.50 -2.36	54.28 1.19 -1.56	49.36 1.36 -1.28	44.95 1.16 -3.86	39.56 0.93 -2.78
LYONS_FALL_HYD 23570	34.37 0.34 0.00	30.65 0.27 -0.24	27.07 0.19 -0.07	26.72 0.24 -0.01	26.34 0.18 -0.03	27.49 0.22 -0.08	29.75 0.32 -0.25	29.61 0.26 -0.25	28.54 0.09 -0.14	29.42 -0.09 -0.15	29.39 -0.12 0.00	31.26 -0.12 -0.08	33.77 -0.20 -0.50	35.77 -0.21 -0.60	37.69 -0.11 -0.69	43.41 0.38 -0.92	49.06 0.75 -1.23	63.23 1.38 -1.87	69.14 1.89 -2.14	69.20 1.95 -2.22	54.55 1.54 -1.46	49.28 1.36 -1.20	42.67 1.04 -1.69	37.99 0.90 -1.25
MADISON___COUNTY_LFGE 323628	34.71 0.68 0.00	31.05 0.60 -0.30	27.38 0.48 -0.08	26.99 0.50 -0.01	26.67 0.50 -0.04	27.82 0.52 -0.11	30.11 0.61 -0.32	30.02 0.61 -0.32	28.89 0.40 -0.18	29.85 0.29 -0.20	29.77 0.27 0.00	31.69 0.28 -0.10	34.44 0.33 -0.63	36.46 0.32 -0.76	38.43 0.45 -0.87	44.00 0.72 -1.16	49.68 1.04 -1.56	63.91 1.56 -2.37	69.78 1.95 -2.71	69.94 2.08 -2.82	54.94 1.55 -1.86	49.52 1.26 -1.53	42.27 0.96 -1.37	37.73 0.86 -1.03
MALONE___115KV_TB1 356076	34.64 0.61 0.00	30.59 0.45 0.00	27.19 0.38 0.00	26.63 0.16 0.00	26.21 0.08 0.00	27.33 0.14 0.00	29.44 0.26 0.00	29.42 0.32 0.00	28.82 0.51 0.00	29.80 0.44 0.00	29.98 0.47 0.00	31.75 0.44 0.00	33.54 0.07 0.00	35.49 0.11 0.00	37.19 0.07 0.00	42.33 0.21 0.00	47.79 0.71 0.00	61.84 1.86 0.00	67.33 2.21 0.00	67.06 2.02 0.00	53.24 1.70 0.00	48.60 1.87 0.00	43.10 1.60 -1.57	38.35 1.40 -1.11
MAPLEWOD_115KV_TB3 80458	34.54 0.51 0.00	30.55 0.45 0.04	27.27 0.46 0.00	27.06 0.58 0.00	26.63 0.50 0.00	27.68 0.49 0.00	29.64 0.47 0.00	29.45 0.35 0.00	28.57 0.25 0.00	29.59 0.23 0.00	29.75 0.24 0.00	31.41 0.22 0.11	33.42 0.23 0.28	35.25 0.25 0.38	36.94 0.26 0.43	41.79 0.38 0.71	46.38 0.28 0.98	60.26 0.42 0.14	65.66 0.65 0.11	65.69 0.65 0.00	51.95 0.41 0.00	46.91 0.19 0.00	39.81 0.28 0.41	35.89 0.18 0.13
MAPLE_RIDGE_WT_1 323574	33.34 -0.68 0.00	29.51 -0.63 0.00	26.25 -0.56 0.00	25.89 -0.58 0.00	25.53 -0.60 0.00	26.54 -0.65 0.00	28.48 -0.70 0.00	28.46 -0.64 0.00	27.83 -0.48 0.00	29.00 -0.35 0.00	29.21 -0.30 0.00	31.00 -0.31 0.00	33.07 -0.40 0.00	34.96 -0.42 0.00	36.71 -0.41 0.00	41.74 -0.38 0.00	46.75 -0.33 0.00	59.74 -0.24 0.00	64.92 -0.19 0.00	64.78 -0.26 0.00	51.39 -0.15 0.00	46.63 -0.09 0.00	39.75 -0.08 0.11	35.69 -0.07 0.08
MAPLE_RIDGE_WT_2 323611	33.34 -0.68 0.00	29.51 -0.63 0.00	26.25 -0.56 0.00	25.89 -0.58 0.00	25.53 -0.60 0.00	26.54 -0.65 0.00	28.48 -0.70 0.00	28.46 -0.64 0.00	27.83 -0.48 0.00	29.00 -0.35 0.00	29.21 -0.30 0.00	31.00 -0.31 0.00	33.07 -0.40 0.00	34.96 -0.42 0.00	36.71 -0.41 0.00	41.74 -0.38 0.00	46.75 -0.33 0.00	59.74 -0.24 0.00	64.92 -0.19 0.00	64.78 -0.26 0.00	51.39 -0.15 0.00	46.63 -0.09 0.00	39.75 -0.08 0.11	35.69 -0.07 0.08
MARBLE_RIVER_WT_PWR 323696	34.50 0.48 0.00	30.32 0.18 0.00	26.87 0.05 0.00	26.21 -0.26 0.00	25.69 -0.44 0.00	26.65 -0.54 0.00	28.59 -0.58 0.00	28.58 -0.52 0.00	28.17 -0.14 0.00	29.18 -0.18 0.00	29.36 -0.15 0.00	31.06 -0.25 0.00	32.74 -0.74 0.00	34.60 -0.78 0.00	36.22 -0.89 0.00	41.32 -0.80 0.00	46.89 -0.19 0.00	61.18 1.20 0.00	66.74 1.63 0.00	66.54 1.50 0.00	52.88 1.34 0.00	48.32 1.59 0.00	41.75 1.48 -0.33	37.47 1.40 -0.23
MARSHVLE_115KV_TB1 80742	36.24 2.21 0.00	32.13 1.99 0.00	28.56 1.74 0.00	28.25 1.77 0.00	27.91 1.78 0.00	28.99 1.79 0.00	31.16 1.98 0.00	30.84 1.75 0.00	29.25 0.93 0.00	29.83 0.47 0.00	29.72 0.21 0.00	31.46 0.22 0.07	33.60 0.30 0.18	35.43 0.28 0.23	37.37 0.52 0.27	42.73 1.05 0.44	48.03 1.55 0.61	63.26 3.36 0.08	70.13 5.08 0.07	70.24 5.20 0.00	55.51 3.97 0.00	50.23 3.50 0.00	42.52 2.84 0.25	38.13 2.37 0.08
MARSH_HILL_WT_PWR 323713	34.16 0.14 0.00	30.85 0.30 -0.41	27.20 0.27 -0.11	26.49 0.00 -0.01	26.42 0.23 -0.05	27.61 0.27 -0.14	30.16 0.55 -0.43	30.14 0.61 -0.43	28.99 0.43 -0.25	29.97 0.35 -0.26	29.92 0.41 0.00	31.85 0.41 -0.13	34.93 0.60 -0.85	36.97 0.56 -1.02	38.99 0.70 -1.18	44.11 0.42 -1.57	49.75 0.57 -2.11	63.48 0.30 -3.20	69.81 1.04 -3.66	69.87 1.04 -3.79	55.23 1.19 -2.50	49.81 1.03 -2.06	42.16 0.72 -1.50	38.49 1.51 -1.15
MCINTYRE_115KV_TB2 80467	34.71 0.68 0.00	30.83 0.57 -0.12	27.36 0.51 -0.03	26.88 0.40 0.00	26.51 0.37 -0.02	27.70 0.46 -0.04	29.91 0.61 -0.12	29.80 0.58 -0.12	28.95 0.57 -0.07	29.81 0.38 -0.08	29.92 0.41 0.00	31.75 0.41 -0.04	33.85 0.13 -0.24	35.89 0.21 -0.29	37.71 0.26 -0.34	43.07 0.51 -0.45	48.53 0.85 -0.60	62.64 1.74 -0.92	68.31 2.15 -1.05	68.21 2.08 -1.09	54.01 1.75 -0.72	49.14 1.82 -0.59	46.72 1.52 -5.26	40.81 1.22 -3.75
MECO_____69_KV_BK1 80468	36.27 2.25 0.00	32.16 2.02 0.00	28.58 1.77 0.00	28.28 1.80 0.00	27.93 1.80 0.00	29.02 1.82 0.00	31.19 2.01 0.00	30.93 1.83 0.00	29.39 1.08 0.00	29.88 0.53 0.00	29.72 0.21 0.00	31.36 0.13 0.08	33.41 0.13 0.20	35.26 0.14 0.26	37.30 0.48 0.30	42.77 1.14 0.49	48.33 1.93 0.68	63.73 3.84 0.09	70.51 5.47 0.08	70.57 5.53 0.00	55.77 4.23 0.00	50.37 3.64 0.00	42.57 2.92 0.28	38.16 2.40 0.09
MENANDS___115KV_TB5 355628	34.33 0.31 0.00	30.37 0.27 0.04	27.11 0.29 0.00	26.93 0.45 0.00	26.50 0.37 0.00	27.55 0.35 0.00	29.47 0.29 0.00	29.30 0.20 0.00	28.43 0.11 0.00	29.47 0.12 0.00	29.63 0.12 0.00	31.32 0.13 0.11	33.29 0.10 0.28	35.08 0.07 0.38	36.76 0.07 0.43	41.54 0.13 0.70	46.11 0.00 0.98	59.85 0.00 0.13	65.14 0.13 0.11	65.17 0.13 0.00	51.54 0.00 0.00	46.59 -0.14 0.00	39.53 0.00 0.41	35.64 -0.07 0.13
MG INDUSTRY___DRP 24185	33.79 -0.24 0.00	29.88 -0.24 0.02	26.65 -0.16 0.00	26.42 -0.05 0.00	26.03 -0.10 0.00	27.06 -0.14 0.00	28.94 -0.23 0.00	28.75 -0.35 0.00	27.83 -0.48 0.00	28.74 -0.62 0.00	28.86 -0.65 0.00	30.59 -0.66 0.06	32.65 -0.67 0.15	34.44 -0.74 0.20	36.11 -0.78 0.23	40.99 -0.76 0.37	45.67 -0.89 0.52	58.89 -1.02 0.07	64.21 -0.85 0.06	64.13 -0.91 0.00	50.77 -0.77 0.00	45.89 -0.84 0.00	39.16 -0.56 0.22	35.20 -0.57 0.07

MID___OSWEGATCHIE_HYD 23849	34.30 0.27 0.00	30.61 0.21 -0.26	27.05 0.16 -0.07	26.61 0.13 -0.01	26.24 0.08 -0.03	27.42 0.14 -0.09	29.71 0.26 -0.27	29.57 0.20 -0.27	28.58 0.11 -0.15	29.46 -0.06 -0.16	29.48 -0.03 0.00	31.30 -0.09 -0.08	33.74 -0.27 -0.53	35.77 -0.25 -0.64	37.66 -0.19 -0.73	43.22 0.13 -0.98	48.82 0.42 -1.31	62.99 1.02 -1.99	68.83 1.43 -2.28	68.90 1.50 -2.36	54.28 1.19 -1.56	49.36 1.36 -1.28	44.95 1.16 -3.86	39.56 0.93 -2.78
MID___RAQUETTE_HYD 23851	34.33 0.31 0.00	30.55 0.27 -0.14	27.09 0.24 -0.04	26.61 0.13 0.00	26.25 0.10 -0.02	27.40 0.16 -0.05	29.61 0.29 -0.14	29.50 0.26 -0.14	28.74 0.34 -0.08	29.68 0.23 -0.09	29.77 0.27 0.00	31.60 0.25 -0.04	33.76 0.00 -0.29	35.79 0.07 -0.34	37.55 0.04 -0.39	42.85 0.21 -0.53	48.16 0.38 -0.71	61.95 0.90 -1.07	67.38 1.04 -1.23	67.29 0.98 -1.27	53.25 0.88 -0.84	48.58 1.17 -0.69	45.83 1.08 -4.81	40.14 0.86 -3.43
MILLIKEN___1 23584	34.60 0.58 0.00	31.27 0.54 -0.59	27.43 0.46 -0.16	26.86 0.37 -0.02	26.65 0.44 -0.08	27.89 0.49 -0.21	30.41 0.61 -0.61	30.32 0.61 -0.61	29.09 0.42 -0.35	30.09 0.35 -0.38	29.80 0.30 0.00	31.84 0.34 -0.19	35.16 0.47 -1.22	37.34 0.50 -1.46	39.39 0.59 -1.68	45.04 0.67 -2.24	51.03 0.94 -3.01	65.87 1.32 -4.58	72.04 1.69 -5.23	72.22 1.76 -5.42	56.40 1.29 -3.58	50.70 1.03 -2.94	42.84 0.76 -2.15	38.30 0.82 -1.64
MILLIKEN___2 23585	34.60 0.58 0.00	31.27 0.54 -0.59	27.43 0.46 -0.16	26.86 0.37 -0.02	26.65 0.44 -0.08	27.89 0.49 -0.21	30.41 0.61 -0.61	30.32 0.61 -0.61	29.09 0.42 -0.35	30.09 0.35 -0.38	29.80 0.30 0.00	31.84 0.34 -0.19	35.16 0.47 -1.22	37.34 0.50 -1.46	39.39 0.59 -1.68	45.04 0.67 -2.24	51.03 0.94 -3.01	65.87 1.32 -4.58	72.04 1.69 -5.23	72.22 1.76 -5.42	56.40 1.29 -3.58	50.70 1.03 -2.94	42.84 0.76 -2.15	38.30 0.82 -1.64
MILLIKEN___DIESEL 23629	34.60 0.58 0.00	31.27 0.54 -0.59	27.43 0.46 -0.16	26.86 0.37 -0.02	26.65 0.44 -0.08	27.89 0.49 -0.21	30.41 0.61 -0.61	30.32 0.61 -0.61	29.09 0.42 -0.35	30.09 0.35 -0.38	29.80 0.30 0.00	31.84 0.34 -0.19	35.16 0.47 -1.22	37.34 0.50 -1.46	39.39 0.59 -1.68	45.04 0.67 -2.24	51.03 0.94 -3.01	65.87 1.32 -4.58	72.04 1.69 -5.23	72.22 1.76 -5.42	56.40 1.29 -3.58	50.70 1.03 -2.94	42.84 0.76 -2.15	38.30 0.82 -1.64
MILLSEAT___LFGE 323607	34.43 0.41 0.00	30.84 0.36 -0.33	27.31 0.40 -0.09	26.59 0.11 -0.01	26.59 0.42 -0.04	27.74 0.43 -0.12	30.37 0.85 -0.35	30.46 1.02 -0.35	29.22 0.71 -0.20	30.33 0.76 -0.21	30.37 0.86 0.00	32.10 0.69 -0.11	35.17 1.00 -0.69	37.13 0.92 -0.83	39.29 1.22 -0.96	44.15 0.76 -1.27	49.54 0.75 -1.71	62.34 -0.24 -2.60	67.76 -0.32 -2.97	67.67 -0.45 -3.08	53.73 0.16 -2.03	48.91 0.51 -1.67	41.52 0.36 -1.22	38.21 1.44 -0.93
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.52 1.50 0.00	31.38 1.24 0.00	27.91 1.10 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.28 1.09 0.00	30.17 0.99 0.00	30.17 1.08 0.00	29.36 1.05 0.00	30.59 1.23 0.00	30.90 1.39 0.00	32.90 1.44 -0.15	35.52 1.67 -0.37	37.68 1.80 -0.49	39.43 1.74 -0.57	44.85 1.81 -0.92	49.96 1.60 -1.28	61.84 1.68 -0.18	67.21 1.95 -0.14	66.79 1.76 0.00	52.62 1.08 0.00	47.71 0.98 0.00	41.64 1.16 -0.54	37.01 1.00 -0.17
MILLWOOD_13_KV_LOAD 356217	35.59 1.57 0.00	31.44 1.30 0.00	27.94 1.13 0.00	27.69 1.22 0.00	27.28 1.15 0.00	28.34 1.14 0.00	30.23 1.05 0.00	30.20 1.11 0.00	29.39 1.08 0.00	30.65 1.29 0.00	30.96 1.45 0.00	32.96 1.50 -0.15	35.55 1.71 -0.37	37.75 1.88 -0.49	39.50 1.82 -0.57	44.94 1.90 -0.92	50.06 1.69 -1.28	62.02 1.86 -0.18	67.34 2.08 -0.14	66.99 1.95 0.00	52.78 1.24 0.00	47.85 1.12 0.00	41.72 1.24 -0.54	37.08 1.08 -0.17
MODEL_CITY_ENERGY 24167	33.82 -0.20 0.00	30.17 -0.30 -0.33	26.77 -0.13 -0.09	26.01 -0.48 -0.01	26.04 -0.13 -0.04	27.20 -0.11 -0.12	29.79 0.26 -0.35	29.82 0.38 -0.35	28.69 0.17 -0.20	29.80 0.23 -0.21	29.89 0.38 0.00	31.57 0.16 -0.11	34.57 0.40 -0.69	36.49 0.28 -0.83	38.59 0.52 -0.96	43.23 -0.17 -1.28	48.13 -0.66 -1.71	60.18 -2.40 -2.60	65.29 -2.80 -2.97	65.13 -2.99 -3.08	51.87 -1.70 -2.03	47.42 -0.98 -1.67	40.36 -0.80 -1.22	37.34 0.57 -0.93
MODERN_LFGE___ 323580	33.82 -0.20 0.00	30.17 -0.30 -0.33	26.77 -0.13 -0.09	26.01 -0.48 -0.01	26.04 -0.13 -0.04	27.20 -0.11 -0.12	29.79 0.26 -0.35	29.82 0.38 -0.35	28.69 0.17 -0.20	29.80 0.23 -0.21	29.89 0.38 0.00	31.57 0.16 -0.11	34.57 0.40 -0.69	36.49 0.28 -0.83	38.59 0.52 -0.96	43.23 -0.17 -1.28	48.13 -0.66 -1.71	60.18 -2.40 -2.60	65.29 -2.80 -2.97	65.13 -2.99 -3.08	51.87 -1.70 -2.03	47.42 -0.98 -1.67	40.36 -0.80 -1.22	37.34 0.57 -0.93
MOHAWK_PAPER___DRP 24187	34.54 0.51 0.00	30.55 0.45 0.04	27.27 0.46 0.00	27.06 0.58 0.00	26.63 0.50 0.00	27.68 0.49 0.00	29.64 0.47 0.00	29.45 0.35 0.00	28.57 0.25 0.00	29.59 0.23 0.00	29.75 0.24 0.00	31.41 0.22 0.11	33.42 0.23 0.28	35.25 0.25 0.38	36.94 0.26 0.43	41.79 0.38 0.71	46.38 0.28 0.98	60.26 0.42 0.14	65.66 0.65 0.11	65.69 0.65 0.00	51.95 0.41 0.00	46.91 0.19 0.00	39.81 0.28 0.41	35.89 0.18 0.13
MOHICAN___35_KV_115KV_LD 80490	35.18 1.16 0.00	31.29 1.12 -0.03	27.78 0.97 0.00	27.56 1.09 0.00	27.17 1.05 0.00	28.23 1.03 0.00	30.29 1.11 0.00	30.12 1.02 0.00	29.05 0.74 0.00	29.91 0.56 0.00	29.95 0.44 0.00	31.62 0.44 0.13	33.59 0.44 0.32	35.28 0.32 0.42	37.19 0.56 0.48	42.21 0.88 0.79	47.21 1.22 1.10	61.93 2.10 0.15	67.99 3.00 0.12	68.10 3.06 0.00	53.76 2.22 0.00	48.55 1.82 0.00	40.92 1.44 0.46	36.81 1.11 0.14
MONGAUP___HYD 23641	35.66 1.63 0.00	31.53 1.39 0.00	28.02 1.21 0.00	27.72 1.24 0.00	27.33 1.20 0.00	28.39 1.20 0.00	30.35 1.17 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.44 1.09 0.00	30.60 1.09 0.00	32.59 1.16 -0.13	35.17 1.37 -0.32	37.33 1.52 -0.43	39.13 1.52 -0.49	44.73 1.81 -0.80	50.12 1.93 -1.11	62.65 2.52 -0.15	68.24 3.00 -0.12	67.97 2.93 0.00	53.45 1.91 0.00	48.32 1.59 0.00	41.96 1.56 -0.47	37.27 1.29 -0.14
MONTAUK___DIESEL 23721	36.51 2.48 0.00	32.28 2.14 0.00	28.64 1.82 0.00	28.22 1.75 0.00	27.85 1.72 0.00	28.80 1.60 0.00	30.64 1.46 0.00	31.25 2.15 0.00	29.87 1.56 0.00	31.29 1.94 0.00	32.14 2.63 -0.01	34.22 2.76 -0.16	37.00 3.15 -0.38	39.32 3.43 -0.51	41.00 3.30 -0.58	46.55 3.50 -0.93	51.34 2.97 -1.29	63.88 3.72 -0.18	69.10 3.84 -0.14	67.45 2.41 0.00	53.19 1.65 0.00	47.51 0.79 0.01	42.00 1.52 -0.54	37.37 1.36 -0.17
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.09 0.07 0.00	30.75 0.27 -0.34	27.12 0.21 -0.09	26.41 -0.08 -0.01	26.46 0.29 -0.04	27.69 0.38 -0.12	30.38 0.85 -0.36	30.62 1.16 -0.36	29.48 0.96 -0.21	30.84 1.26 -0.22	30.84 1.33 0.00	32.89 1.47 -0.11	35.93 1.74 -0.71	38.00 1.77 -0.85	40.18 2.08 -0.98	45.11 1.68 -1.31	50.53 1.69 -1.76	63.73 1.08 -2.67	69.34 1.17 -3.06	69.31 1.11 -3.17	54.87 1.24 -2.09	49.52 1.07 -1.72	42.11 0.92 -1.25	38.70 1.90 -0.96

MORRIS_RIDGE___SOLAR 323848	34.06 0.03 0.00	30.70 0.18 -0.38	27.13 0.21 -0.10	26.43 -0.05 -0.01	26.39 0.21 -0.05	27.57 0.24 -0.13	30.10 0.53 -0.40	30.04 0.55 -0.39	28.77 0.23 -0.23	29.75 0.15 -0.24	29.72 0.21 0.00	31.59 0.16 -0.12	34.63 0.37 -0.79	36.61 0.28 -0.94	38.65 0.45 -1.09	43.65 0.08 -1.45	49.03 0.00 -1.95	62.34 -0.60 -2.96	68.37 -0.13 -3.38	68.42 -0.13 -3.51	54.11 0.26 -2.31	48.96 0.33 -1.90	41.53 0.20 -1.39	37.98 1.07 -1.06
MORTIMER_115KV_TB3 55949	34.13 0.10 0.00	30.62 0.15 -0.33	27.09 0.19 -0.09	26.48 0.00 -0.01	26.35 0.18 -0.04	27.50 0.19 -0.12	29.96 0.44 -0.35	29.99 0.55 -0.34	28.85 0.34 -0.20	29.98 0.41 -0.21	29.89 0.38 0.00	31.85 0.44 -0.11	34.76 0.60 -0.69	36.81 0.60 -0.82	38.84 0.78 -0.95	43.93 0.55 -1.27	49.58 0.80 -1.70	62.92 0.36 -2.58	68.26 0.20 -2.95	68.49 0.39 -3.06	53.92 0.36 -2.02	48.99 0.61 -1.66	41.47 0.32 -1.21	37.55 0.79 -0.92
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.76 1.74 0.00	31.59 1.45 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.85 1.50 0.00	31.16 1.65 0.00	33.21 1.75 -0.15	35.85 2.01 -0.37	38.04 2.16 -0.50	39.76 2.08 -0.57	45.20 2.15 -0.93	50.25 1.88 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.78 1.24 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17
MUNSVILLE_WIND_PWR 323609	36.00 1.97 0.00	32.30 1.75 -0.41	28.40 1.47 -0.11	28.02 1.53 -0.01	27.72 1.54 -0.05	29.00 1.66 -0.15	31.54 1.93 -0.43	31.42 1.89 -0.43	30.01 1.44 -0.25	30.71 1.09 -0.27	30.51 1.00 0.00	32.41 0.97 -0.13	35.37 1.04 -0.86	37.47 1.06 -1.03	39.64 1.33 -1.19	45.68 1.98 -1.58	52.03 2.82 -2.12	67.65 4.44 -3.23	74.47 5.66 -3.69	74.65 5.79 -3.83	58.60 4.54 -2.52	52.54 3.74 -2.08	44.29 2.84 -1.51	39.65 2.65 -1.16
N SALMON___HYD 24042	34.64 0.61 0.00	30.59 0.45 0.00	27.19 0.38 0.00	26.61 0.13 0.00	26.21 0.08 0.00	27.33 0.14 0.00	29.44 0.26 0.00	29.42 0.32 0.00	28.82 0.51 0.00	29.80 0.44 0.00	29.98 0.47 0.00	31.75 0.44 0.00	33.54 0.07 0.00	35.49 0.11 0.00	37.19 0.07 0.00	42.33 0.21 0.00	47.79 0.71 0.00	61.84 1.86 0.00	67.33 2.22 0.00	67.12 2.08 0.00	53.24 1.70 0.00	48.60 1.87 0.00	43.10 1.60 -1.57	38.35 1.40 -1.11
N.AKRON__115KV_KNAPP 355671	34.40 0.37 0.00	30.77 0.30 -0.33	27.28 0.38 -0.09	26.51 0.03 -0.01	26.54 0.37 -0.04	27.72 0.41 -0.12	30.34 0.82 -0.35	30.40 0.96 -0.35	29.19 0.68 -0.20	30.30 0.73 -0.21	30.16 0.65 0.00	32.10 0.69 -0.11	35.10 0.94 -0.69	37.13 0.92 -0.83	39.26 1.19 -0.96	44.11 0.72 -1.28	49.45 0.66 -1.71	62.16 -0.42 -2.60	67.30 -0.78 -2.97	67.47 -0.65 -3.08	53.37 -0.21 -2.03	48.77 0.37 -1.67	41.40 0.24 -1.22	38.13 1.36 -0.93
N.E_GEN_SANDY PD 24062	35.11 1.09 0.00	31.03 0.87 -0.01	27.59 0.78 0.00	28.32 1.01 -0.84	26.99 0.86 0.00	29.05 0.93 -0.93	30.64 0.82 -0.65	34.34 0.73 -4.51	30.62 0.65 -1.65	30.09 0.73 0.00	30.25 0.74 0.00	30.93 0.75 1.13	31.39 0.77 2.86	32.47 0.88 3.80	33.61 0.85 4.36	35.93 0.93 7.11	37.98 0.75 9.85	59.40 0.78 1.36	64.92 0.91 1.11	65.95 0.91 0.00	52.11 0.57 0.00	47.10 0.37 0.00	36.31 0.52 4.15	35.00 0.43 1.27
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.49 1.46 0.00	31.38 1.24 0.00	27.89 1.07 0.00	27.61 1.14 0.00	27.23 1.10 0.00	28.25 1.06 0.00	30.17 0.99 0.00	30.12 1.02 0.00	29.31 0.99 0.00	30.56 1.20 0.00	30.87 1.36 0.00	32.89 1.44 -0.14	35.46 1.64 -0.35	37.65 1.80 -0.47	39.39 1.74 -0.54	44.85 1.85 -0.87	49.94 1.65 -1.21	61.89 1.74 -0.17	67.27 2.02 -0.14	66.92 1.89 0.00	52.73 1.19 0.00	47.71 0.98 0.00	41.61 1.16 -0.51	37.00 1.00 -0.16
N.QUEENS_27_KV_LOAD 356247	36.28 2.25 -0.01	32.05 1.90 -0.01	28.54 1.72 -0.01	28.23 1.75 -0.01	27.80 1.67 0.00	28.81 1.60 -0.01	30.64 1.46 -0.01	30.62 1.51 -0.01	29.80 1.47 -0.01	31.10 1.73 -0.01	31.46 1.95 -0.01	33.56 2.10 -0.16	36.20 2.34 -0.38	38.43 2.55 -0.50	40.11 2.41 -0.58	45.45 2.40 -0.93	50.31 1.93 -1.30	62.08 1.92 -0.19	67.41 2.15 -0.14	66.99 1.95 0.00	52.68 1.13 -0.01	48.23 1.50 -0.01	42.33 1.84 -0.55	37.84 1.83 -0.17
N.TROY___115KV_TB1 355778	34.98 0.95 0.00	31.05 0.84 -0.07	27.57 0.75 0.00	27.40 0.93 0.00	26.94 0.81 0.00	28.06 0.87 0.00	30.02 0.85 0.00	29.83 0.73 0.00	28.94 0.62 0.00	29.94 0.59 0.00	30.07 0.56 0.00	31.70 0.56 0.17	33.59 0.54 0.42	35.38 0.57 0.56	37.10 0.63 0.65	41.87 0.80 1.05	46.42 0.80 1.46	60.86 1.08 0.20	66.38 1.43 0.16	66.47 1.43 0.00	52.57 1.03 0.00	47.47 0.75 0.00	40.04 0.72 0.61	36.23 0.57 0.19
NARROWS_GT1_1 24228	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT1_2 24229	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT1_3 24230	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT1_4 24231	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT1_5 24232	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17

NARROWS_GT1_6 24233	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT1_7 24234	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT1_8 24235	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT2_1 24236	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT2_2 24237	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT2_3 24238	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT2_4 24239	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT2_5 24240	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT2_6 24241	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT2_7 24242	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NARROWS_GT2_8 24243	36.18 2.14 -0.01	31.93 1.78 -0.01	28.43 1.61 -0.01	28.13 1.64 -0.01	27.71 1.57 -0.01	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.40 1.89 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.43 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.47 1.32 -0.17	66.68 1.43 -0.14	66.26 1.23 0.01	52.15 0.62 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.62 1.61 -0.17
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.74 0.71 0.00	30.72 0.60 0.02	27.38 0.56 0.00	27.14 0.66 0.00	26.76 0.63 0.00	27.79 0.60 0.00	29.76 0.58 0.00	29.48 0.38 0.00	28.48 0.17 0.00	29.39 0.03 0.00	29.45 -0.06 0.00	31.48 0.22 0.04	33.63 0.27 0.11	35.52 0.28 0.14	37.28 0.33 0.16	42.61 0.76 0.27	47.75 1.04 0.37	61.73 1.80 0.05	67.42 2.34 0.04	66.86 1.82 0.00	52.73 1.19 0.00	47.47 0.75 0.00	40.74 0.96 0.16	36.47 0.68 0.05
NCHELSEA_115KV_TR2 355582	35.69 1.67 0.00	31.53 1.39 0.00	28.05 1.23 0.00	27.77 1.30 0.00	27.36 1.23 0.00	28.42 1.22 0.00	30.34 1.17 0.00	30.23 1.13 0.00	29.42 1.10 0.00	30.65 1.29 0.00	30.90 1.39 0.00	32.92 1.50 -0.11	35.50 1.74 -0.28	37.67 1.91 -0.38	39.41 1.86 -0.44	44.94 2.11 -0.72	50.10 2.02 -0.99	62.52 2.40 -0.14	67.96 2.73 -0.11	67.64 2.60 0.00	53.24 1.70 0.00	48.17 1.45 0.00	41.83 1.48 -0.42	37.22 1.25 -0.13
NEG CAPITAL____MECHNVIL 23645	35.32 1.29 0.00	31.36 1.17 -0.04	27.83 1.02 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.31 1.12 0.00	30.35 1.17 0.00	30.18 1.08 0.00	29.16 0.85 0.00	30.12 0.76 0.00	30.16 0.65 0.00	31.85 0.69 0.14	33.85 0.74 0.36	35.64 0.74 0.48	37.45 0.89 0.55	42.44 1.22 0.90	47.24 1.41 1.25	61.91 2.10 0.17	67.65 2.67 0.14	67.71 2.67 0.00	53.55 2.01 0.00	48.36 1.63 0.00	40.77 1.36 0.53	36.79 1.11 0.16
NEG CENTRAL_HIGH_ACRES 23767	33.48 -0.55 0.00	30.10 -0.42 -0.38	26.55 -0.38 -0.11	25.98 -0.50 -0.01	25.84 -0.34 -0.05	26.97 -0.35 -0.13	29.38 -0.20 -0.40	29.41 -0.09 -0.40	28.26 -0.28 -0.23	29.37 -0.24 -0.25	29.27 -0.24 0.00	31.18 -0.25 -0.12	34.17 -0.10 -0.80	36.16 -0.18 -0.96	38.14 -0.07 -1.10	43.30 -0.29 -1.47	48.96 -0.09 -1.98	62.44 -0.54 -3.00	67.96 -0.59 -3.43	68.01 -0.59 -3.56	53.53 -0.36 -2.35	48.38 -0.28 -1.93	40.95 -0.40 -1.41	36.92 0.00 -1.07

NEG CENTRAL___DRP 24199	34.30 0.27 0.00	31.04 0.27 -0.63	27.23 0.24 -0.17	26.62 0.13 -0.02	26.45 0.24 -0.08	27.69 0.27 -0.22	30.24 0.41 -0.66	30.21 0.47 -0.65	28.95 0.25 -0.38	29.97 0.21 -0.40	29.69 0.18 0.00	31.73 0.22 -0.20	35.14 0.37 -1.30	37.33 0.39 -1.56	39.28 0.37 -1.80	44.85 0.34 -2.40	50.91 0.61 -3.22	65.65 0.78 -4.89	71.75 1.04 -5.59	71.94 1.11 -5.80	56.19 0.82 -3.82	50.53 0.65 -3.15	42.71 0.40 -2.37	38.29 0.65 -1.81
NEG CENTRAL___INDECK 23768	35.15 1.12 0.00	31.57 1.05 -0.37	27.86 0.94 -0.10	27.20 0.72 -0.01	27.12 0.94 -0.05	28.33 1.01 -0.13	30.94 1.37 -0.39	30.97 1.48 -0.39	29.53 0.99 -0.22	30.48 0.88 -0.24	30.37 0.86 0.00	32.21 0.78 -0.12	35.32 1.07 -0.77	37.40 1.10 -0.92	39.52 1.33 -1.07	44.85 1.31 -1.42	50.87 1.89 -1.91	65.10 2.22 -2.90	71.49 3.06 -3.31	71.66 3.19 -3.44	56.48 2.68 -2.27	50.97 2.38 -1.86	43.05 1.76 -1.36	39.07 2.19 -1.04
NEG CENTRAL___SENECA 23627	34.43 0.41 0.00	31.07 0.45 -0.48	27.32 0.38 -0.13	26.70 0.21 -0.01	26.56 0.37 -0.06	27.77 0.41 -0.17	30.30 0.61 -0.51	30.27 0.67 -0.50	29.03 0.42 -0.29	30.05 0.38 -0.31	29.83 0.32 0.00	31.87 0.41 -0.15	35.04 0.57 -1.00	37.18 0.60 -1.20	39.05 0.56 -1.38	44.47 0.51 -1.84	50.45 0.89 -2.47	64.76 1.02 -3.76	70.78 1.37 -4.30	70.99 1.50 -4.46	55.56 1.08 -2.94	50.03 0.89 -2.42	42.26 0.56 -1.76	38.16 0.97 -1.35
NEG CENTRAL___STATE_STREET 24147	34.23 0.20 0.00	31.04 0.18 -0.72	27.15 0.13 -0.20	26.57 0.08 -0.02	26.38 0.16 -0.09	27.61 0.16 -0.25	30.20 0.26 -0.76	30.17 0.32 -0.75	28.89 0.14 -0.43	29.94 0.12 -0.47	29.60 0.09 0.00	31.67 0.13 -0.23	35.22 0.23 -1.51	37.47 0.28 -1.81	39.53 0.33 -2.08	45.23 0.34 -2.78	51.37 0.56 -3.73	66.42 0.78 -5.66	72.63 1.04 -6.47	72.86 1.11 -6.71	56.74 0.77 -4.43	50.98 0.61 -3.64	43.04 0.36 -2.74	38.36 0.43 -2.09
NEG MILLWOOD___DRP 24198	35.79 1.77 0.00	31.62 1.48 0.00	28.08 1.26 0.00	27.83 1.35 0.00	27.41 1.28 0.00	28.47 1.28 0.00	30.37 1.20 0.00	30.32 1.22 0.00	29.48 1.16 0.00	30.76 1.41 0.00	31.04 1.53 0.00	33.06 1.63 -0.13	35.63 1.84 -0.32	37.79 1.98 -0.43	39.57 1.97 -0.49	45.11 2.19 -0.80	50.31 2.12 -1.11	62.65 2.52 -0.15	68.04 2.80 -0.12	67.71 2.67 0.00	53.34 1.80 0.00	48.27 1.54 0.00	41.92 1.52 -0.47	37.28 1.29 -0.14
NEG NORTH_FLCN_SEA 23793	34.74 0.71 0.00	30.59 0.45 0.00	27.14 0.32 0.00	26.53 0.05 0.00	26.03 -0.10 0.00	27.03 -0.16 0.00	29.06 -0.12 0.00	29.04 -0.06 0.00	28.54 0.23 0.00	29.56 0.21 0.00	29.72 0.21 0.00	31.46 0.16 0.00	33.20 -0.27 0.00	35.10 -0.28 0.00	36.74 -0.37 0.00	41.87 -0.25 0.00	47.46 0.38 0.00	61.72 1.74 0.00	67.33 2.21 0.00	67.06 2.02 0.00	53.29 1.75 0.00	48.69 1.96 0.00	42.02 1.76 -0.33	37.69 1.61 -0.23
NEG NORTH_KES_CHATEGAY 23792	34.26 0.24 0.00	30.26 0.12 0.00	26.87 0.05 0.00	26.32 -0.16 0.00	25.87 -0.26 0.00	26.92 -0.27 0.00	28.94 -0.23 0.00	28.89 -0.20 0.00	28.37 0.06 0.00	29.36 0.00 0.00	29.48 -0.03 0.00	31.25 -0.06 0.00	33.07 -0.40 0.00	34.99 -0.39 0.00	36.63 -0.48 0.00	41.70 -0.42 0.00	47.13 0.05 0.00	61.06 1.08 0.00	66.42 1.30 0.00	66.27 1.24 0.00	52.67 1.13 0.00	48.03 1.31 0.00	41.69 1.12 -0.64	37.30 1.00 -0.45
NEG NORTH___ALICE_FALLS 23915	34.77 0.75 0.00	30.65 0.51 0.00	27.19 0.38 0.00	26.58 0.11 0.00	26.08 -0.05 0.00	27.14 -0.05 0.00	29.21 0.03 0.00	29.16 0.06 0.00	28.65 0.34 0.00	29.65 0.29 0.00	29.83 0.32 0.00	31.56 0.25 0.00	33.30 -0.17 0.00	35.24 -0.14 0.00	36.85 -0.26 0.00	42.03 -0.08 0.00	47.65 0.56 0.00	62.02 2.04 0.00	67.59 2.47 0.00	67.32 2.28 0.00	53.50 1.96 0.00	48.83 2.10 0.00	42.16 1.84 -0.38	37.76 1.65 -0.27
NEG NORTH___LWR_SARANAC 23913	34.77 0.75 0.00	30.65 0.51 0.00	27.19 0.38 0.00	26.58 0.11 0.00	26.08 -0.05 0.00	27.14 -0.05 0.00	29.21 0.03 0.00	29.16 0.06 0.00	28.65 0.34 0.00	29.65 0.29 0.00	29.83 0.32 0.00	31.56 0.25 0.00	33.30 -0.17 0.00	35.24 -0.14 0.00	36.85 -0.26 0.00	42.03 -0.08 0.00	47.65 0.56 0.00	62.02 2.04 0.00	67.59 2.47 0.00	67.32 2.28 0.00	53.50 1.96 0.00	48.83 2.10 0.00	42.16 1.84 -0.38	37.76 1.65 -0.27
NEG NORTH___PLATTSBURG 23628	34.77 0.75 0.00	30.65 0.51 0.00	27.19 0.38 0.00	26.56 0.08 0.00	26.08 -0.05 0.00	27.14 -0.05 0.00	29.21 0.03 0.00	29.16 0.06 0.00	28.66 0.34 0.00	29.65 0.29 0.00	29.83 0.33 0.00	31.56 0.25 0.00	33.31 -0.17 0.00	35.24 -0.14 0.00	36.86 -0.26 0.00	42.03 -0.08 0.00	47.65 0.57 0.00	62.02 2.04 0.00	67.65 2.54 0.00	67.38 2.34 0.00	53.50 1.96 0.00	48.83 2.10 0.00	42.16 1.84 -0.38	37.76 1.65 -0.27
NEG WEST_LEA_LOCKPORT 23791	33.92 -0.10 0.00	30.44 -0.03 -0.33	26.99 0.08 -0.09	26.22 -0.26 -0.01	26.28 0.10 -0.04	27.42 0.11 -0.12	30.02 0.50 -0.35	30.08 0.64 -0.35	28.94 0.42 -0.20	30.04 0.47 -0.22	29.92 0.41 0.00	31.85 0.44 -0.11	34.80 0.64 -0.69	36.78 0.57 -0.83	38.93 0.85 -0.96	43.61 0.21 -1.28	48.65 -0.14 -1.71	60.85 -1.74 -2.61	65.81 -2.28 -2.98	65.92 -2.21 -3.09	52.24 -1.34 -2.04	47.94 -0.47 -1.68	40.72 -0.44 -1.22	37.67 0.90 -0.93
NEG WEST___LANCASTR 23811	33.51 -0.51 0.00	30.27 -0.21 -0.34	26.80 -0.11 -0.09	26.06 -0.42 -0.01	26.10 -0.08 -0.04	27.23 -0.08 -0.12	29.77 0.23 -0.36	29.60 0.15 -0.36	28.55 0.03 -0.21	29.72 0.15 -0.22	29.63 0.12 0.00	31.58 0.16 -0.11	34.52 0.33 -0.71	36.59 0.35 -0.86	38.66 0.56 -0.99	43.43 0.00 -1.32	48.56 -0.28 -1.77	61.16 -1.50 -2.68	66.36 -1.82 -3.07	66.46 -1.76 -3.18	52.55 -1.08 -2.10	47.56 -0.89 -1.73	40.44 -0.76 -1.26	37.38 0.57 -0.96
NEG_PENN_ALLEGHNY 23528	34.43 0.41 0.00	31.01 0.45 -0.41	27.30 0.38 -0.11	26.81 0.32 -0.01	26.58 0.39 -0.05	27.75 0.41 -0.14	30.11 0.50 -0.43	30.02 0.49 -0.43	28.93 0.37 -0.25	30.03 0.41 -0.27	29.92 0.41 0.00	31.88 0.44 -0.13	34.90 0.57 -0.86	37.01 0.60 -1.03	38.97 0.67 -1.19	44.33 0.63 -1.58	49.91 0.71 -2.12	63.87 0.66 -3.23	69.65 0.84 -3.69	69.71 0.84 -3.83	54.78 0.72 -2.52	49.32 0.51 -2.08	41.85 0.40 -1.51	37.61 0.61 -1.16
NEG___GEN_MONROE 24207	34.30 0.27 0.00	30.77 0.30 -0.33	27.23 0.32 -0.09	26.59 0.11 -0.01	26.49 0.31 -0.04	27.64 0.33 -0.12	30.11 0.58 -0.35	30.14 0.70 -0.34	28.97 0.45 -0.20	30.04 0.47 -0.21	29.92 0.41 0.00	31.88 0.47 -0.11	34.83 0.67 -0.69	36.81 0.60 -0.82	38.81 0.74 -0.95	43.89 0.51 -1.27	49.49 0.71 -1.70	62.68 0.12 -2.58	68.00 -0.07 -2.95	68.23 0.13 -3.06	53.82 0.26 -2.02	48.90 0.51 -1.66	41.51 0.36 -1.21	37.73 0.97 -0.92
NEPA___ENERGY 23901	34.03 0.00 0.00	30.75 0.27 -0.34	27.20 0.29 -0.09	26.48 0.00 -0.01	26.51 0.34 -0.04	27.67 0.35 -0.12	30.24 0.70 -0.36	30.21 0.76 -0.36	29.14 0.62 -0.21	30.37 0.79 -0.22	30.28 0.77 0.00	32.26 0.85 -0.11	35.26 1.07 -0.71	37.33 1.10 -0.85	39.44 1.34 -0.98	44.32 0.88 -1.31	49.60 0.75 -1.76	62.36 -0.30 -2.68	67.72 -0.46 -3.06	67.76 -0.46 -3.17	53.63 0.00 -2.09	48.54 0.09 -1.72	41.23 0.04 -1.26	37.95 1.15 -0.96

NEVERSINK___HYD 23608	35.66 1.63 0.00	31.50 1.36 0.00	27.99 1.18 0.00	27.72 1.24 0.00	27.31 1.18 0.00	28.36 1.17 0.00	30.35 1.17 0.00	30.20 1.11 0.00	29.36 1.05 0.00	30.53 1.18 0.00	30.75 1.24 0.00	32.75 1.35 -0.10	35.26 1.54 -0.25	37.44 1.73 -0.33	39.20 1.71 -0.38	44.76 2.02 -0.62	50.06 2.12 -0.86	62.73 2.64 -0.12	68.21 3.00 -0.10	67.97 2.93 0.00	53.45 1.91 0.00	48.36 1.63 0.00	41.86 1.56 -0.36	37.24 1.29 -0.11
NEWKRMKL_115KV_TB1 55635	34.13 0.10 0.00	30.17 0.06 0.03	26.98 0.16 0.00	26.77 0.29 0.00	26.34 0.21 0.00	27.38 0.19 0.00	29.29 0.12 0.00	29.13 0.03 0.00	28.26 -0.06 0.00	29.27 -0.09 0.00	29.45 -0.06 0.00	31.15 -0.06 0.10	33.15 -0.07 0.25	34.91 -0.14 0.33	36.58 -0.15 0.38	41.37 -0.13 0.63	45.93 -0.28 0.87	59.56 -0.30 0.12	64.82 -0.20 0.10	64.84 -0.20 0.00	51.28 -0.26 0.00	46.35 -0.37 0.00	39.37 -0.20 0.36	35.44 -0.29 0.11
NEWTON___FALLS_HYD 23847	34.30 0.27 0.00	30.61 0.21 -0.26	27.05 0.16 -0.07	26.61 0.13 -0.01	26.24 0.08 -0.03	27.42 0.14 -0.09	29.71 0.26 -0.27	29.57 0.20 -0.27	28.58 0.11 -0.15	29.46 -0.06 -0.16	29.48 -0.03 0.00	31.30 -0.09 -0.08	33.74 -0.27 -0.53	35.77 -0.25 -0.64	37.66 -0.19 -0.73	43.22 0.13 -0.98	48.82 0.42 -1.31	62.99 1.02 -1.99	68.83 1.43 -2.28	68.90 1.50 -2.36	54.28 1.19 -1.56	49.36 1.36 -1.28	44.95 1.16 -3.86	39.56 0.93 -2.78
NGRID_A1_DSASP 323792	33.11 -0.92 0.00	30.50 0.03 -0.33	27.10 0.19 -0.09	26.33 -0.16 -0.01	26.36 0.18 -0.04	27.53 0.22 -0.12	30.11 0.58 -0.35	30.17 0.73 -0.34	28.91 0.40 -0.20	29.95 0.38 -0.21	29.72 0.21 0.00	31.45 0.03 -0.11	34.43 0.27 -0.69	36.31 0.11 -0.82	38.40 0.33 -0.95	43.01 -0.38 -1.27	47.89 -0.90 -1.70	59.75 -2.82 -2.58	64.75 -3.32 -2.95	64.52 -3.58 -3.06	51.44 -2.12 -2.02	47.17 -1.22 -1.66	40.03 -1.12 -1.21	37.77 1.00 -0.92
NGRID_A2_DSASP 323793	33.11 -0.92 0.00	30.50 0.03 -0.33	27.10 0.19 -0.09	26.33 -0.16 -0.01	26.36 0.18 -0.04	27.53 0.22 -0.12	30.11 0.58 -0.35	30.17 0.73 -0.34	28.91 0.40 -0.20	29.95 0.38 -0.21	29.72 0.21 0.00	31.45 0.03 -0.11	34.43 0.27 -0.69	36.31 0.11 -0.82	38.40 0.33 -0.95	43.01 -0.38 -1.27	47.89 -0.90 -1.70	59.75 -2.82 -2.58	64.75 -3.32 -2.95	64.52 -3.58 -3.06	51.44 -2.12 -2.02	47.17 -1.22 -1.66	40.03 -1.12 -1.21	37.77 1.00 -0.92
NGRID_A4_DSASP 323807	33.11 -0.92 0.00	30.50 0.03 -0.33	27.10 0.19 -0.09	26.33 -0.16 -0.01	26.36 0.18 -0.04	27.53 0.22 -0.12	30.11 0.58 -0.35	30.17 0.73 -0.34	28.91 0.40 -0.20	29.95 0.38 -0.21	29.72 0.21 0.00	31.45 0.03 -0.11	34.43 0.27 -0.69	36.31 0.11 -0.82	38.40 0.33 -0.95	43.01 -0.38 -1.27	47.89 -0.90 -1.70	59.75 -2.82 -2.58	64.75 -3.32 -2.95	64.52 -3.58 -3.06	51.44 -2.12 -2.02	47.17 -1.22 -1.66	40.03 -1.12 -1.21	37.77 1.00 -0.92
NIAGARA_115E_LBMP 323715	33.75 -0.27 0.00	30.05 -0.42 -0.33	26.67 -0.24 -0.09	25.90 -0.58 -0.01	25.94 -0.24 -0.04	27.09 -0.22 -0.12	29.64 0.12 -0.35	29.70 0.26 -0.35	28.57 0.06 -0.20	29.69 0.12 -0.21	29.80 0.30 0.00	31.45 0.03 -0.11	34.43 0.27 -0.69	36.32 0.11 -0.83	38.44 0.37 -0.96	43.06 -0.34 -1.28	47.90 -0.90 -1.71	59.82 -2.76 -2.60	64.83 -3.25 -2.97	64.67 -3.45 -3.08	51.51 -2.06 -2.03	47.14 -1.26 -1.67	40.12 -1.04 -1.22	37.17 0.39 -0.93
NIAGARA_115W_LBMP 323714	33.04 -0.99 0.00	30.47 0.00 -0.33	27.07 0.16 -0.09	26.30 -0.18 -0.01	26.33 0.16 -0.04	27.50 0.19 -0.12	30.08 0.55 -0.35	30.14 0.70 -0.34	28.88 0.37 -0.20	29.89 0.32 -0.21	29.63 0.12 0.00	31.35 -0.06 -0.11	34.33 0.17 -0.69	36.20 0.00 -0.82	38.29 0.22 -0.95	42.88 -0.50 -1.27	47.74 -1.04 -1.70	59.56 -3.00 -2.58	64.55 -3.52 -2.95	64.33 -3.77 -3.06	51.29 -2.27 -2.02	47.03 -1.36 -1.66	39.95 -1.20 -1.21	37.73 0.97 -0.92
NIAGARA_230_LBMP 323716	33.52 -0.51 0.00	30.35 -0.12 -0.33	26.93 0.03 -0.09	26.17 -0.32 -0.01	26.20 0.03 -0.04	27.36 0.05 -0.12	29.93 0.41 -0.34	29.96 0.52 -0.34	28.88 0.37 -0.20	29.98 0.41 -0.21	29.98 0.47 0.00	31.73 0.31 -0.11	34.72 0.57 -0.68	36.63 0.43 -0.82	38.73 0.67 -0.94	43.38 0.00 -1.26	48.34 -0.42 -1.69	60.39 -2.16 -2.57	65.44 -2.61 -2.93	65.22 -2.86 -3.04	52.00 -1.54 -2.01	47.63 -0.75 -1.65	40.46 -0.68 -1.20	37.51 0.75 -0.92
NIAGARA___115KV_198_GIBSON 55903	33.04 -0.99 0.00	30.47 0.00 -0.33	27.07 0.16 -0.09	26.27 -0.21 -0.01	26.33 0.16 -0.04	27.50 0.19 -0.12	30.08 0.55 -0.35	30.14 0.70 -0.34	28.88 0.37 -0.20	29.89 0.32 -0.21	29.48 -0.03 0.00	31.35 -0.06 -0.11	34.26 0.10 -0.69	36.20 0.00 -0.82	38.29 0.22 -0.95	42.88 -0.51 -1.27	47.74 -1.04 -1.70	59.56 -3.00 -2.58	64.29 -3.78 -2.95	64.33 -3.77 -3.06	51.08 -2.47 -2.02	47.03 -1.36 -1.66	39.95 -1.20 -1.21	37.70 0.93 -0.92
NIAGARA____ 23760	33.52 -0.51 0.00	30.35 -0.12 -0.33	26.93 0.03 -0.09	26.17 -0.32 -0.01	26.20 0.03 -0.04	27.36 0.05 -0.12	29.94 0.41 -0.35	29.97 0.52 -0.35	28.88 0.37 -0.20	29.98 0.41 -0.21	29.98 0.47 0.00	31.73 0.31 -0.11	34.73 0.57 -0.69	36.63 0.43 -0.83	38.74 0.67 -0.95	43.39 0.00 -1.27	48.36 -0.42 -1.70	60.40 -2.16 -2.58	65.46 -2.61 -2.95	65.24 -2.86 -3.06	52.01 -1.54 -2.02	47.64 -0.75 -1.66	40.47 -0.68 -1.21	37.53 0.75 -0.93
NINE_MILE_1 23575	33.21 -0.82 0.00	24.97 -0.72 4.45	24.94 -0.64 1.23	25.70 -0.66 0.12	24.93 -0.63 0.57	25.01 -0.62 1.56	23.86 -0.64 4.68	23.83 -0.64 4.63	24.96 -0.68 2.67	25.77 -0.70 2.88	28.80 -0.71 0.00	29.12 -0.75 1.43	23.43 -0.77 9.28	23.47 -0.81 11.10	23.46 -0.85 12.80	24.08 -0.97 17.08	23.14 -1.04 22.90	23.79 -1.38 34.81	23.90 -1.43 39.79	22.34 -1.43 41.26	23.20 -1.13 27.21	23.26 -1.07 22.39	22.66 -0.96 16.32	22.59 -0.79 12.46
NINE_MILE_2 23744	33.21 -0.82 0.00	24.89 -0.72 4.53	24.92 -0.64 1.25	25.69 -0.66 0.12	24.92 -0.63 0.58	24.98 -0.62 1.59	23.78 -0.64 4.76	23.75 -0.64 4.71	24.92 -0.68 2.72	25.72 -0.70 2.93	28.80 -0.71 0.00	29.10 -0.75 1.46	23.27 -0.77 9.43	23.28 -0.81 11.29	23.24 -0.85 13.02	23.78 -0.97 17.37	22.75 -1.04 23.30	23.20 -1.38 35.40	23.22 -1.43 40.46	21.64 -1.43 41.97	22.73 -1.13 27.67	22.88 -1.07 22.77	22.38 -0.96 16.60	22.38 -0.79 12.67
NM_CAPITAL___DRP 24208	34.26 0.24 0.00	30.28 0.18 0.04	27.06 0.24 0.00	26.87 0.40 0.00	26.42 0.29 0.00	27.49 0.30 0.00	29.41 0.23 0.00	29.21 0.12 0.00	28.34 0.03 0.00	29.39 0.03 0.00	29.54 0.03 0.00	31.23 0.03 0.11	33.23 0.03 0.28	35.01 0.00 0.37	36.69 0.00 0.43	41.46 0.04 0.70	45.98 -0.14 0.96	59.67 -0.18 0.13	64.94 -0.07 0.11	64.97 -0.07 0.00	51.39 -0.15 0.00	46.45 -0.28 0.00	39.41 -0.12 0.41	35.54 -0.18 0.12
NM_CENTRAL___DRP 24181	33.92 -0.10 0.00	30.61 -0.09 -0.56	26.89 -0.08 -0.16	26.36 -0.13 -0.01	26.12 -0.08 -0.07	27.31 -0.08 -0.20	29.74 -0.03 -0.59	29.68 0.00 -0.58	28.54 -0.11 -0.34	29.57 -0.15 -0.36	29.36 -0.15 0.00	31.36 -0.13 -0.18	34.61 -0.03 -1.17	36.67 -0.11 -1.40	38.62 -0.11 -1.61	44.10 -0.17 -2.15	49.87 -0.09 -2.89	64.19 -0.18 -4.39	70.06 -0.07 -5.01	70.17 -0.07 -5.20	54.87 -0.10 -3.43	49.41 -0.14 -2.82	41.93 -0.20 -2.19	37.40 -0.11 -1.66

NM_FRONTIER___DRP 24179	33.04 -0.99 0.00	30.47 0.00 -0.33	27.07 0.16 -0.09	26.27 -0.21 -0.01	26.33 0.16 -0.04	27.50 0.19 -0.12	30.08 0.55 -0.35	30.14 0.70 -0.34	28.88 0.37 -0.20	29.89 0.32 -0.21	29.48 -0.03 0.00	31.35 -0.06 -0.11	34.26 0.10 -0.69	36.20 0.00 -0.82	38.29 0.22 -0.95	42.88 -0.51 -1.27	47.74 -1.04 -1.70	59.56 -3.00 -2.58	64.29 -3.78 -2.95	64.33 -3.77 -3.06	51.08 -2.47 -2.02	47.03 -1.36 -1.66	39.95 -1.20 -1.21	37.70 0.93 -0.92
NM_ST_REGIS___HYD 24053	34.43 0.41 0.00	30.60 0.33 -0.12	27.14 0.29 -0.03	26.61 0.13 0.00	26.25 0.10 -0.02	27.40 0.16 -0.04	29.60 0.29 -0.13	29.52 0.29 -0.13	28.79 0.40 -0.07	29.73 0.29 -0.08	29.86 0.35 0.00	31.66 0.31 -0.04	33.76 0.03 -0.26	35.76 0.07 -0.31	37.55 0.07 -0.36	42.81 0.21 -0.48	48.19 0.47 -0.64	62.09 1.14 -0.97	67.66 1.43 -1.11	67.49 1.30 -1.15	53.38 1.08 -0.76	48.75 1.40 -0.63	45.38 1.24 -4.20	39.88 1.04 -3.00
NORTHPORT___1 23551	35.69 1.67 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.61 1.14 0.00	27.23 1.10 0.00	28.20 1.01 0.00	30.02 0.85 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.29 1.77 -0.01	33.38 1.91 -0.16	36.00 2.14 -0.38	38.18 2.30 -0.51	39.88 2.19 -0.58	44.95 1.90 -0.93	49.69 1.32 -1.29	61.83 1.68 -0.18	66.82 1.56 -0.14	65.69 0.65 0.00	51.95 0.41 0.00	46.81 0.09 0.01	41.60 1.12 -0.54	36.98 0.97 -0.17
NORTHPORT___2 23552	35.69 1.67 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.61 1.14 0.00	27.23 1.10 0.00	28.20 1.01 0.00	30.02 0.85 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.29 1.77 -0.01	33.38 1.91 -0.16	36.00 2.14 -0.38	38.18 2.30 -0.51	39.88 2.19 -0.58	44.95 1.90 -0.93	49.69 1.32 -1.29	61.83 1.68 -0.18	66.82 1.56 -0.14	65.69 0.65 0.00	51.95 0.41 0.00	46.81 0.09 0.01	41.60 1.12 -0.54	36.98 0.97 -0.17
NORTHPORT___3 23553	35.39 1.36 0.00	31.26 1.12 0.00	27.73 0.91 0.00	27.40 0.93 0.00	26.99 0.86 0.00	27.95 0.76 0.00	29.76 0.58 0.00	29.94 0.84 0.00	29.05 0.73 0.00	30.44 1.09 0.00	30.99 1.47 -0.01	33.06 1.60 -0.16	35.63 1.77 -0.38	37.80 1.91 -0.51	39.55 1.85 -0.58	43.88 0.84 -0.92	48.60 0.24 -1.28	60.45 0.30 -0.17	65.38 0.13 -0.14	64.32 -0.71 0.01	50.81 -0.72 0.01	45.82 -0.89 0.02	41.04 0.56 -0.54	36.69 0.68 -0.17
NORTHPORT___4 23650	35.39 1.36 0.00	31.26 1.12 0.00	27.73 0.91 0.00	27.40 0.93 0.00	26.99 0.86 0.00	27.95 0.76 0.00	29.76 0.58 0.00	29.94 0.84 0.00	29.05 0.73 0.00	30.44 1.09 0.00	30.99 1.47 -0.01	33.06 1.60 -0.16	35.63 1.77 -0.38	37.80 1.91 -0.51	39.55 1.85 -0.58	43.88 0.84 -0.92	48.60 0.24 -1.28	60.45 0.30 -0.17	65.38 0.13 -0.14	64.32 -0.71 0.01	50.81 -0.72 0.01	45.82 -0.89 0.02	41.04 0.56 -0.54	36.69 0.68 -0.17
NORTHPORT___IC 23718	35.69 1.67 0.00	31.56 1.42 0.00	27.99 1.18 0.00	27.61 1.14 0.00	27.23 1.10 0.00	28.20 1.01 0.00	30.02 0.85 0.00	30.38 1.28 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.32 1.80 -0.01	33.37 1.91 -0.16	36.00 2.14 -0.38	38.19 2.30 -0.51	39.88 2.19 -0.58	44.94 1.90 -0.93	49.69 1.32 -1.29	61.84 1.68 -0.18	67.02 1.76 -0.14	65.82 0.78 0.00	52.00 0.46 0.00	46.81 0.09 0.01	41.60 1.12 -0.54	36.98 0.97 -0.17
NORTH___COUNTRY_ESR 323785	34.20 0.17 0.00	30.20 0.06 0.00	26.82 0.00 0.00	26.24 -0.24 0.00	25.82 -0.31 0.00	26.87 -0.33 0.00	28.86 -0.32 0.00	28.84 -0.26 0.00	28.31 0.00 0.00	29.30 -0.06 0.00	29.45 -0.06 0.00	31.21 -0.09 0.00	33.04 -0.44 0.00	34.92 -0.46 0.00	36.59 -0.52 0.00	41.66 -0.46 0.00	47.03 -0.05 0.00	60.88 0.90 0.00	66.22 1.11 0.00	66.08 1.04 0.00	52.47 0.93 0.00	47.89 1.17 0.00	41.58 1.00 -0.64	37.19 0.90 -0.46
NPX_GEN_1385_PROXY 323591	35.69 1.67 0.00	31.53 1.39 0.00	27.99 1.18 0.00	27.61 1.14 0.00	27.23 1.10 0.00	28.20 1.01 0.00	30.02 0.85 0.00	30.20 1.11 0.00	29.31 0.99 0.00	30.68 1.32 0.00	31.29 1.77 -0.01	33.38 1.91 -0.16	36.00 2.14 -0.38	38.18 2.30 -0.51	39.88 2.19 -0.58	44.95 1.90 -0.93	49.69 1.32 -1.29	61.83 1.68 -0.18	66.82 1.56 -0.14	65.69 0.65 0.00	51.95 0.41 0.00	46.81 0.09 0.01	41.60 1.12 -0.54	36.98 0.97 -0.17
NPX_GEN_CSC 323557	35.39 1.36 0.00	31.26 1.12 0.00	27.70 0.88 0.00	27.32 0.85 0.00	26.94 0.81 0.00	27.87 0.68 0.00	29.67 0.50 0.00	30.00 0.90 0.00	28.97 0.65 0.00	30.32 0.97 0.00	31.02 1.50 -0.01	33.06 1.60 -0.16	35.69 1.84 -0.38	37.90 2.02 -0.51	39.55 1.85 -0.58	44.78 1.73 -0.93	49.45 1.08 -1.29	61.66 1.50 -0.18	66.56 1.30 -0.14	65.23 0.20 0.00	51.64 0.10 0.00	46.39 -0.32 0.01	41.16 0.68 -0.54	36.51 0.50 -0.17
NSINS_S_GLNS_FALLS 23858	35.11 1.09 0.00	31.23 1.05 -0.03	27.73 0.91 0.00	27.51 1.03 0.00	27.12 0.99 0.00	28.17 0.98 0.00	30.23 1.05 0.00	30.06 0.96 0.00	29.02 0.71 0.00	29.85 0.50 0.00	29.92 0.41 0.00	31.59 0.41 0.12	33.56 0.40 0.31	35.21 0.25 0.42	37.12 0.48 0.48	42.18 0.84 0.78	47.13 1.13 1.08	61.87 2.04 0.15	67.86 2.87 0.12	67.97 2.93 0.00	53.65 2.11 0.00	48.46 1.73 0.00	40.84 1.36 0.45	36.74 1.04 0.14
NUCOR_STEEL___DRP 24197	34.26 0.24 0.00	31.14 0.24 -0.75	27.21 0.19 -0.21	26.63 0.13 -0.02	26.41 0.18 -0.10	27.68 0.22 -0.27	30.26 0.29 -0.79	30.20 0.32 -0.78	28.94 0.17 -0.45	29.99 0.15 -0.49	29.63 0.12 0.00	31.71 0.16 -0.24	35.31 0.27 -1.57	37.55 0.28 -1.88	39.62 0.33 -2.17	45.35 0.34 -2.89	51.53 0.56 -3.88	66.60 0.72 -5.90	72.83 0.98 -6.74	73.07 1.04 -6.99	56.87 0.72 -4.61	51.13 0.61 -3.79	43.15 0.36 -2.86	38.45 0.43 -2.17
NUMBER_THREE_WT_PWR 323818	34.20 0.17 0.00	30.57 0.12 -0.31	26.93 0.03 -0.09	26.56 0.08 -0.01	26.20 0.03 -0.04	27.36 0.05 -0.11	29.68 0.18 -0.33	29.51 0.09 -0.32	28.39 -0.11 -0.19	29.21 -0.35 -0.20	29.16 -0.35 0.00	31.00 -0.41 -0.10	33.62 -0.50 -0.65	35.63 -0.53 -0.77	37.56 -0.44 -0.89	43.56 0.25 -1.19	49.34 0.66 -1.60	63.79 1.38 -2.43	69.91 2.02 -2.77	70.06 2.14 -2.88	55.09 1.65 -1.90	49.88 1.59 -1.56	43.59 1.24 -2.41	38.61 1.00 -1.77
NYISO_LBMP_REFERENCE 24008	34.03 0.00 0.00	30.14 0.00 0.00	26.82 0.00 0.00	26.48 0.00 0.00	26.13 0.00 0.00	27.19 0.00 0.00	29.18 0.00 0.00	29.10 0.00 0.00	28.31 0.00 0.00	29.36 0.00 0.00	29.51 0.00 0.00	31.31 0.00 0.00	33.47 0.00 0.00	35.38 0.00 0.00	37.11 0.00 0.00	42.12 0.00 0.00	47.08 0.00 0.00	59.98 0.00 0.00	65.11 0.00 0.00	65.04 0.00 0.00	51.54 0.00 0.00	46.73 0.00 0.00	39.94 0.00 0.00	35.84 0.00 0.00
NYPA_BRENTWD____GT 24164	35.96 1.94 0.00	31.77 1.63 0.00	28.18 1.37 0.00	27.80 1.32 0.00	27.41 1.28 0.00	28.36 1.17 0.00	30.20 1.02 0.00	30.41 1.31 0.00	29.48 1.16 0.00	30.88 1.53 0.00	31.55 2.03 -0.01	33.62 2.16 -0.16	36.30 2.44 -0.38	38.50 2.62 -0.51	40.25 2.56 -0.58	45.45 2.40 -0.93	50.26 1.89 -1.29	62.62 2.46 -0.18	67.73 2.47 -0.14	66.47 1.43 0.00	52.57 1.03 0.00	47.32 0.61 0.01	41.96 1.48 -0.54	37.26 1.25 -0.17

NYPA_GOWANUS____GT5 24156	36.18	31.93	28.43	28.13	27.71	28.74	30.58	30.58	29.73	31.06	31.40	33.55	36.22	38.43	39.95	45.03	50.06	61.41	66.68	66.26	52.15	47.71	41.72	37.62
	2.14	1.78	1.61	1.64	1.57	1.55	1.40	1.48	1.42	1.70	1.89	2.10	2.38	2.55	2.26	1.98	1.69	1.26	1.43	1.23	0.62	0.98	1.24	1.61
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.17	-0.14	0.01	0.01	0.00	-0.54	-0.17
NYPA_GOWANUS____GT6 24157	36.18	31.93	28.43	28.13	27.71	28.74	30.58	30.58	29.73	31.06	31.40	33.55	36.22	38.43	39.95	45.03	50.06	61.41	66.68	66.26	52.15	47.71	41.72	37.62
	2.14	1.78	1.61	1.64	1.57	1.55	1.40	1.48	1.42	1.70	1.89	2.10	2.38	2.55	2.26	1.98	1.69	1.26	1.43	1.23	0.62	0.98	1.24	1.61
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.17	-0.14	0.01	0.01	0.00	-0.54	-0.17
NYPA_HARLEM__RVR__GT1 24160	36.14	31.96	28.43	28.15	27.73	28.72	30.55	30.52	29.69	31.00	31.31	33.43	36.06	38.29	39.99	45.28	50.11	61.83	67.08	66.67	52.41	48.03	42.16	37.70
	2.11	1.81	1.61	1.67	1.59	1.52	1.37	1.43	1.36	1.64	1.80	1.97	2.21	2.41	2.30	2.23	1.74	1.68	1.82	1.63	0.88	1.31	1.68	1.68
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.18	-0.14	0.00	0.01	0.00	-0.54	-0.17
NYPA_HARLEM__RVR__GT2 24161	36.14	31.96	28.43	28.15	27.73	28.72	30.55	30.52	29.69	31.00	31.31	33.43	36.06	38.29	39.99	45.28	50.11	61.83	67.08	66.67	52.41	48.03	42.16	37.70
	2.11	1.81	1.61	1.67	1.59	1.52	1.37	1.43	1.36	1.64	1.80	1.97	2.21	2.41	2.30	2.23	1.74	1.68	1.82	1.63	0.88	1.31	1.68	1.68
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	-0.02	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.18	-0.14	0.00	0.01	0.00	-0.54	-0.17
NYPA_KENT____GT 24152	36.18	31.93	28.43	28.13	27.71	28.74	30.58	30.58	29.73	31.06	31.40	33.55	36.22	38.43	39.95	45.03	50.06	61.41	66.62	66.20	52.10	47.71	41.72	37.62
	2.14	1.78	1.61	1.64	1.57	1.55	1.40	1.48	1.42	1.70	1.89	2.10	2.38	2.55	2.26	1.98	1.69	1.26	1.37	1.17	0.57	0.98	1.24	1.61
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.17	-0.14	0.01	0.01	0.00	-0.54	-0.17
NYPA_POUCH1____GT 24155	36.18	31.96	28.46	28.15	27.73	28.77	30.61	30.58	29.70	31.06	31.40	33.52	36.19	38.43	39.84	42.40	42.26	43.70	51.02	52.03	43.29	41.86	40.95	37.58
	2.14	1.81	1.64	1.67	1.59	1.58	1.43	1.48	1.39	1.70	1.89	2.07	2.34	2.55	2.15	1.73	1.41	0.96	1.11	0.91	0.36	0.70	1.00	1.58
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.50	-0.57	1.45	6.23	17.24	15.20	13.92	8.61	5.56	-0.01	-0.17
NYPA_VERNON____GT2 24162	35.90	31.71	28.24	27.93	27.51	28.55	30.43	30.47	29.65	30.94	31.25	33.37	35.96	38.18	39.87	45.20	50.16	61.90	67.15	66.73	52.46	47.89	41.92	37.44
	1.87	1.57	1.42	1.46	1.38	1.36	1.25	1.37	1.33	1.58	1.74	1.91	2.11	2.30	2.19	2.15	1.79	1.74	1.89	1.69	0.93	1.17	1.44	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.18	-0.14	0.00	0.01	0.00	-0.54	-0.17
NYPA_VERNON____GT3 24163	35.90	31.71	28.24	27.93	27.51	28.55	30.43	30.47	29.65	30.94	31.25	33.37	35.96	38.18	39.87	45.20	50.16	61.90	67.15	66.73	52.46	47.89	41.92	37.44
	1.87	1.57	1.42	1.46	1.38	1.36	1.25	1.37	1.33	1.58	1.74	1.91	2.11	2.30	2.19	2.15	1.79	1.74	1.89	1.69	0.93	1.17	1.44	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.18	-0.14	0.00	0.01	0.00	-0.54	-0.17
NYPA____ASTORIA_CC1 323568	35.90	31.71	28.21	27.93	27.51	28.55	30.40	30.44	29.62	30.91	31.22	33.33	35.92	38.14	39.80	45.11	50.06	61.71	67.02	66.54	52.35	47.85	41.88	37.40
	1.87	1.57	1.39	1.46	1.38	1.36	1.23	1.34	1.30	1.55	1.71	1.88	2.08	2.27	2.11	2.06	1.69	1.56	1.76	1.50	0.82	1.12	1.40	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.18	-0.14	0.00	0.01	0.00	-0.54	-0.17
NYPA____ASTORIA_CC2 323569	35.90	31.71	28.21	27.93	27.51	28.55	30.40	30.44	29.62	30.91	31.22	33.33	35.92	38.14	39.80	45.11	50.06	61.71	67.02	66.54	52.35	47.85	41.88	37.40
	1.87	1.57	1.39	1.46	1.38	1.36	1.23	1.34	1.30	1.55	1.71	1.88	2.08	2.27	2.11	2.06	1.69	1.56	1.76	1.50	0.82	1.12	1.40	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.37	-0.50	-0.57	-0.93	-1.29	-0.18	-0.14	0.00	0.01	0.00	-0.54	-0.17
NYPA____HOLTSVILL 23794	35.62	31.46	27.89	27.54	27.12	28.09	29.88	30.14	29.16	30.56	31.23	33.28	35.93	38.15	39.77	44.95	49.69	61.90	66.82	65.56	51.90	46.67	41.44	36.76
	1.60	1.32	1.07	1.06	0.99	0.90	0.70	1.05	0.85	1.20	1.71	1.82	2.08	2.27	2.08	1.90	1.32	1.74	1.56	0.52	0.36	-0.05	0.96	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.16	-0.38	-0.51	-0.58	-0.93	-1.29	-0.18	-0.14	0.00	0.00	0.01	-0.54	-0.17
NYPA____HELLGATE_GT1 24158	36.14	31.96	28.43	28.15	27.73	28.73	30.56	30.54	29.67	31.01	31.32	33.45	36.07	38.30	40.00	45.28	50.11	61.83	67.08	66.66	52.41	48.03	42.17	37.70
	2.11	1.81	1.61	1.67	1.59	1.52	1.37	1.43	1.36	1.64	1.80	1.97	2.21	2.41	2.30	2.23	1.74	1.68	1.82	1.63	0.88	1.31	1.68	1.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.02	0.00	-0.02	-0.02	-0.16	-0.39	-0.51	-0.59	-0.93	-1.29	-0.18	-0.15	0.00	0.01	0.00	-0.56	-0.17
NYPA____HELLGATE_GT2 24159	36.14	31.96	28.43	28.15	27.73	28.73	30.56	30.54	29.67	31.01	31.32	33.45	36.07	38.30	40.00	45.28	50.11	61.83	67.08	66.66	52.41	48.03	42.17	37.70
	2.11	1.81	1.61	1.67	1.59	1.52	1.37	1.43	1.36	1.64	1.80	1.97	2.21	2.41	2.30	2.23	1.74	1.68	1.82	1.63	0.88	1.31	1.68	1.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.02	0.00	-0.02	-0.02	-0.16	-0.39	-0.51	-0.59	-0.93	-1.29	-0.18	-0.15	0.00	0.01	0.00	-0.56	-0.17
NYS_BARGE____HYD 23848	33.96	30.41	26.99	26.22	26.25	27.42	30.02	30.06	28.91	30.01	30.10	31.82	34.83	36.78	38.89	43.61	48.65	60.84	66.07	65.91	52.49	47.89	40.72	37.70
	-0.07	-0.06	0.08	-0.26	0.08	0.11	0.50	0.61	0.40	0.44	0.59	0.41	0.67	0.56	0.82	0.21	-0.14	-1.74	-2.02	-2.21	-1.08	-0.51	-0.44	0.93
	0.00	-0.33	-0.09	-0.01	-0.04	-0.12	-0.35	-0.35	-0.20	-0.22	0.00	-0.11	-0.69	-0.83	-0.96	-1.28	-1.71	-2.60	-2.97	-3.09	-2.03	-1.67	-1.22	-0.93
OAK ORCHARD____HYD 24046	34.13	30.62	27.10	26.51	26.36	27.50	29.96	29.99	28.85	29.98	29.95	31.85	34.79	36.81	38.84	43.93	49.58	62.92	68.39	68.43	54.02	48.99	41.47	37.55
	0.10	0.15	0.19	0.03	0.18	0.19	0.44	0.55	0.34	0.41	0.44	0.44	0.63	0.60	0.78	0.55	0.80	0.36	0.33	0.33	0.46	0.61	0.32	0.79
	0.00	-0.33	-0.09	-0.01	-0.04	-0.12	-0.35	-0.34	-0.20	-0.21	0.00	-0.11	-0.69	-0.82	-0.95	-1.27	-1.70	-2.58	-2.95	-3.06	-2.02	-1.66	-1.21	-0.92

OAKDALE___35_KV_LOAD 356122	34.33 0.31 0.00	30.88 0.33 -0.41	27.20 0.27 -0.11	26.70 0.21 -0.01	26.47 0.29 -0.05	27.64 0.30 -0.14	29.99 0.38 -0.43	29.90 0.38 -0.42	28.81 0.25 -0.24	29.91 0.29 -0.26	29.80 0.30 0.00	31.75 0.31 -0.13	34.76 0.44 -0.85	36.86 0.46 -1.02	38.81 0.52 -1.17	44.15 0.46 -1.57	49.65 0.47 -2.10	63.53 0.36 -3.19	69.22 0.46 -3.65	69.34 0.52 -3.78	54.45 0.41 -2.49	49.06 0.28 -2.05	41.67 0.24 -1.50	37.45 0.47 -1.14
OCC_CHEM___DRP 24175	33.11 -0.92 0.00	30.50 0.03 -0.33	27.09 0.19 -0.09	26.30 -0.19 -0.01	26.35 0.18 -0.04	27.53 0.22 -0.12	30.11 0.58 -0.35	30.17 0.73 -0.34	28.91 0.40 -0.20	29.95 0.38 -0.21	29.54 0.03 0.00	31.45 0.03 -0.11	34.36 0.20 -0.69	36.31 0.11 -0.82	38.40 0.33 -0.95	42.96 -0.42 -1.27	47.89 -0.89 -1.70	59.74 -2.82 -2.58	64.49 -3.58 -2.95	64.52 -3.58 -3.06	51.19 -2.37 -2.02	47.13 -1.26 -1.66	40.03 -1.12 -1.21	37.73 0.97 -0.92
OH_GEN_PROXY 24063	33.52 -0.51 0.00	30.32 -0.15 -0.33	26.93 0.03 -0.09	26.17 -0.32 -0.01	26.20 0.03 -0.04	27.36 0.05 -0.12	29.90 0.38 -0.34	29.93 0.49 -0.34	28.85 0.34 -0.20	29.98 0.41 -0.21	29.98 0.47 0.00	31.73 0.31 -0.11	34.72 0.57 -0.68	36.66 0.46 -0.82	38.76 0.70 -0.94	43.42 0.04 -1.26	48.44 -0.33 -1.69	60.56 -1.98 -2.56	65.63 -2.41 -2.93	65.47 -2.60 -3.04	52.10 -1.44 -2.00	47.67 -0.70 -1.65	40.46 -0.68 -1.20	37.48 0.72 -0.92
OLIN_CORP_DRP 24177	33.75 -0.27 0.00	30.11 -0.36 -0.33	26.72 -0.19 -0.09	25.93 -0.56 -0.01	25.99 -0.18 -0.04	27.15 -0.16 -0.12	29.73 0.20 -0.35	29.76 0.32 -0.35	28.66 0.14 -0.20	29.75 0.18 -0.22	29.63 0.12 0.00	31.51 0.09 -0.11	34.43 0.27 -0.69	36.42 0.21 -0.83	38.52 0.45 -0.96	43.14 -0.25 -1.28	47.99 -0.80 -1.71	59.94 -2.64 -2.60	64.77 -3.32 -2.97	64.81 -3.32 -3.08	51.41 -2.16 -2.03	47.28 -1.12 -1.67	40.24 -0.92 -1.22	37.24 0.47 -0.93
OLIN_CORP_DSASP 323712	33.11 -0.92 0.00	30.50 0.03 -0.33	27.10 0.19 -0.09	26.33 -0.16 -0.01	26.36 0.18 -0.04	27.53 0.22 -0.12	30.11 0.58 -0.35	30.17 0.73 -0.34	28.91 0.40 -0.20	29.95 0.38 -0.21	29.72 0.21 0.00	31.45 0.03 -0.11	34.43 0.27 -0.69	36.31 0.11 -0.82	38.40 0.33 -0.95	43.01 -0.38 -1.27	47.89 -0.90 -1.70	59.75 -2.82 -2.58	64.75 -3.32 -2.95	64.52 -3.58 -3.06	51.44 -2.12 -2.02	47.17 -1.22 -1.66	40.03 -1.12 -1.21	37.77 1.00 -0.92
ONEIDA_HERK_LFGE 323681	34.43 0.41 0.00	30.70 0.36 -0.20	27.14 0.27 -0.05	26.80 0.32 -0.01	26.42 0.26 -0.03	27.56 0.30 -0.07	29.76 0.38 -0.21	29.65 0.35 -0.20	28.60 0.17 -0.12	29.51 0.03 -0.13	29.51 0.00 0.00	31.37 0.00 -0.06	33.85 -0.03 -0.41	35.83 -0.04 -0.49	37.72 0.04 -0.56	43.34 0.46 -0.75	48.84 0.75 -1.01	62.83 1.32 -1.53	68.63 1.76 -1.75	68.68 1.82 -1.82	54.18 1.44 -1.20	48.98 1.26 -0.99	42.20 0.96 -1.31	37.63 0.82 -0.97
ONEIDA___115KV_TB4 55905	34.71 0.68 0.00	31.05 0.60 -0.30	27.38 0.48 -0.08	26.99 0.50 -0.01	26.67 0.50 -0.04	27.82 0.52 -0.11	30.11 0.61 -0.32	30.02 0.61 -0.32	28.89 0.40 -0.18	29.85 0.29 -0.20	29.77 0.27 0.00	31.69 0.28 -0.10	34.44 0.33 -0.63	36.46 0.32 -0.76	38.43 0.45 -0.87	44.00 0.72 -1.16	49.68 1.04 -1.56	63.91 1.56 -2.37	69.78 1.95 -2.71	69.94 2.08 -2.82	54.94 1.55 -1.86	49.52 1.26 -1.53	42.27 0.96 -1.37	37.73 0.86 -1.03
ONONDAGA_REF_OCCRA 23987	34.06 0.03 0.00	30.82 0.06 -0.62	27.01 0.03 -0.17	26.47 -0.03 -0.02	26.24 0.03 -0.08	27.44 0.03 -0.22	29.91 0.09 -0.65	29.86 0.12 -0.64	28.68 0.00 -0.37	29.73 -0.03 -0.40	29.45 -0.06 0.00	31.48 -0.03 -0.20	34.82 0.07 -1.29	36.95 0.04 -1.54	38.93 0.04 -1.77	44.53 0.04 -2.37	50.44 0.19 -3.17	65.04 0.24 -4.82	71.02 0.39 -5.51	71.21 0.46 -5.72	55.62 0.31 -3.77	50.02 0.19 -3.10	42.36 0.04 -2.39	37.73 0.07 -1.81
ONONDAGA___COGEN 23986	34.03 0.00 0.00	30.98 0.03 -0.81	27.04 0.00 -0.22	26.44 -0.05 -0.02	26.23 0.00 -0.10	27.50 0.03 -0.28	30.09 0.06 -0.85	30.03 0.09 -0.84	28.77 -0.03 -0.49	29.85 -0.03 -0.52	29.45 -0.06 0.00	31.54 -0.03 -0.26	35.23 0.07 -1.69	37.43 0.04 -2.02	39.52 0.07 -2.33	45.26 0.04 -3.10	51.43 0.19 -4.16	66.55 0.24 -6.33	72.74 0.39 -7.23	72.93 0.39 -7.50	56.74 0.26 -4.95	50.98 0.19 -4.07	43.05 0.04 -3.07	38.29 0.11 -2.34
ONTARIO___LFGE 23819	34.43 0.41 0.00	31.07 0.45 -0.48	27.32 0.38 -0.13	26.73 0.24 -0.01	26.56 0.37 -0.06	27.77 0.41 -0.17	30.30 0.61 -0.51	30.27 0.67 -0.50	29.03 0.43 -0.29	30.05 0.38 -0.31	29.89 0.38 0.00	31.87 0.41 -0.15	35.04 0.57 -1.00	37.18 0.60 -1.20	39.09 0.59 -1.38	44.47 0.51 -1.84	50.45 0.89 -2.47	64.76 1.02 -3.76	70.84 1.43 -4.30	70.99 1.50 -4.46	55.67 1.19 -2.94	50.03 0.89 -2.42	42.26 0.56 -1.76	38.16 0.97 -1.35
ORANGEVILLE_WT_PWR 323706	33.89 -0.14 0.00	30.56 0.06 -0.36	27.05 0.13 -0.10	26.33 -0.16 -0.01	26.31 0.13 -0.05	27.49 0.16 -0.13	30.03 0.47 -0.38	30.00 0.52 -0.38	28.82 0.28 -0.22	29.85 0.26 -0.24	29.86 0.36 0.00	31.71 0.28 -0.12	34.73 0.50 -0.76	36.71 0.43 -0.91	38.79 0.63 -1.05	43.68 0.17 -1.40	49.00 0.05 -1.87	61.93 -0.90 -2.85	67.65 -0.71 -3.25	67.64 -0.78 -3.37	53.61 -0.15 -2.22	48.60 0.05 -1.83	41.27 0.00 -1.33	37.93 1.07 -1.02
ORANGEVILLE___ESR 323794	33.89 -0.14 0.00	30.56 0.06 -0.36	27.05 0.13 -0.10	26.33 -0.16 -0.01	26.31 0.13 -0.05	27.49 0.16 -0.13	30.03 0.47 -0.38	30.00 0.52 -0.38	28.82 0.28 -0.22	29.85 0.26 -0.24	29.86 0.36 0.00	31.71 0.28 -0.12	34.73 0.50 -0.76	36.71 0.43 -0.91	38.79 0.63 -1.05	43.68 0.17 -1.40	49.00 0.05 -1.87	61.93 -0.90 -2.85	67.65 -0.71 -3.25	67.64 -0.78 -3.37	53.61 -0.15 -2.22	48.60 0.05 -1.83	41.27 0.00 -1.33	37.93 1.07 -1.02
OSWEGATCHIE___HYD 24044	34.30 0.27 0.00	30.61 0.21 -0.26	27.05 0.16 -0.07	26.59 0.11 -0.01	26.24 0.08 -0.03	27.42 0.14 -0.09	29.71 0.26 -0.27	29.57 0.21 -0.27	28.58 0.11 -0.15	29.46 -0.06 -0.16	29.48 -0.03 0.00	31.30 -0.09 -0.08	33.73 -0.27 -0.53	35.77 -0.25 -0.64	37.66 -0.18 -0.73	43.22 0.13 -0.98	48.82 0.42 -1.31	62.99 1.02 -1.99	68.83 1.43 -2.28	68.90 1.50 -2.36	54.29 1.19 -1.56	49.37 1.36 -1.28	44.96 1.16 -3.86	39.55 0.93 -2.78
OSWEGO___5 23606	33.48 -0.55 0.00	32.02 -0.48 -2.36	27.04 -0.43 -0.65	26.09 -0.45 -0.06	26.01 -0.42 -0.30	27.59 -0.44 -0.83	31.22 -0.44 -2.48	31.15 -0.41 -2.46	29.25 -0.48 -1.42	30.38 -0.50 -1.53	29.01 -0.50 0.00	31.54 -0.53 -0.76	37.90 -0.50 -4.93	40.71 -0.57 -5.90	43.36 -0.56 -6.80	50.51 -0.68 -9.07	58.59 -0.66 -12.16	77.50 -0.96 -18.48	85.33 -0.91 -21.13	86.04 -0.91 -21.91	65.27 -0.72 -14.45	57.92 -0.70 -11.89	47.97 -0.64 -8.67	41.96 -0.50 -6.62
OSWEGO___6 23613	33.48 -0.55 0.00	32.02 -0.48 -2.36	27.04 -0.43 -0.65	26.09 -0.45 -0.06	26.01 -0.42 -0.30	27.59 -0.44 -0.83	31.22 -0.44 -2.48	31.15 -0.41 -2.46	29.25 -0.48 -1.42	30.38 -0.50 -1.53	29.01 -0.50 0.00	31.54 -0.53 -0.76	37.90 -0.50 -4.93	40.71 -0.57 -5.90	43.36 -0.56 -6.80	50.51 -0.68 -9.07	58.59 -0.66 -12.16	77.50 -0.96 -18.48	85.33 -0.91 -21.13	86.04 -0.91 -21.91	65.27 -0.72 -14.45	57.92 -0.70 -11.89	47.97 -0.64 -8.67	41.96 -0.50 -6.62

OUTOKUMPU-AB___DRP 24206	33.85 -0.17 0.00	30.75 0.27 -0.33	27.26 0.35 -0.09	26.46 -0.03 -0.01	26.51 0.34 -0.04	27.69 0.38 -0.12	30.32 0.79 -0.35	30.38 0.93 -0.35	29.19 0.68 -0.20	30.28 0.70 -0.22	30.07 0.56 0.00	32.01 0.59 -0.11	35.00 0.84 -0.70	36.99 0.78 -0.83	39.15 1.08 -0.96	43.90 0.51 -1.28	48.94 0.14 -1.72	61.27 -1.32 -2.61	66.28 -1.82 -2.98	66.31 -1.82 -3.09	52.60 -0.98 -2.04	48.13 -0.28 -1.68	40.92 -0.24 -1.22	38.10 1.33 -0.93
OXBOW___BTM 323836	33.52 -0.51 0.00	30.65 0.18 -0.33	27.20 0.30 -0.09	26.43 -0.05 -0.01	26.46 0.29 -0.04	27.64 0.33 -0.12	30.26 0.73 -0.35	30.32 0.87 -0.35	29.08 0.57 -0.20	30.16 0.59 -0.21	30.01 0.50 0.00	31.76 0.35 -0.11	34.80 0.63 -0.69	36.70 0.50 -0.83	38.85 0.78 -0.96	43.52 0.13 -1.27	48.51 -0.28 -1.71	60.66 -1.92 -2.60	65.74 -2.34 -2.97	65.58 -2.54 -3.08	52.23 -1.34 -2.03	47.70 -0.70 -1.67	40.56 -0.60 -1.22	38.03 1.25 -0.93
OXBOW___ 24026	33.51 -0.51 0.00	30.65 0.18 -0.33	27.20 0.29 -0.09	26.41 -0.08 -0.01	26.46 0.29 -0.04	27.64 0.33 -0.12	30.26 0.73 -0.35	30.32 0.87 -0.35	29.08 0.57 -0.20	30.16 0.59 -0.21	29.86 0.35 0.00	31.79 0.38 -0.11	34.73 0.57 -0.69	36.70 0.50 -0.83	38.85 0.78 -0.96	43.52 0.13 -1.27	48.51 -0.28 -1.71	60.66 -1.92 -2.60	65.54 -2.54 -2.97	65.58 -2.54 -3.08	52.02 -1.55 -2.03	47.70 -0.70 -1.67	40.56 -0.60 -1.22	37.99 1.22 -0.93
OXY_CHEM_DSASP 323612	33.11 -0.92 0.00	30.50 0.03 -0.33	27.09 0.19 -0.09	26.30 -0.19 -0.01	26.35 0.18 -0.04	27.53 0.22 -0.12	30.11 0.58 -0.35	30.17 0.73 -0.34	28.91 0.40 -0.20	29.95 0.38 -0.21	29.54 0.03 0.00	31.45 0.03 -0.11	34.36 0.20 -0.69	36.31 0.11 -0.82	38.40 0.33 -0.95	42.96 -0.42 -1.27	47.89 -0.89 -1.70	59.74 -2.82 -2.58	64.49 -3.58 -2.95	64.52 -3.58 -3.06	51.19 -2.37 -2.02	47.13 -1.26 -1.66	40.03 -1.12 -1.21	37.73 0.97 -0.92
OZONE_PARK_ESR 323760	36.13 2.11 0.00	31.83 1.69 0.00	28.32 1.50 0.00	28.01 1.54 0.00	27.59 1.46 0.00	28.66 1.47 0.00	30.61 1.43 0.00	30.64 1.54 0.00	29.84 1.53 0.00	31.15 1.79 0.00	31.49 1.98 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	40.21 2.52 -0.57	45.70 2.65 -0.93	50.82 2.45 -1.29	62.80 2.64 -0.18	68.38 3.13 -0.14	67.77 2.73 0.00	53.29 1.75 0.00	48.46 1.73 0.00	42.28 1.80 -0.54	37.62 1.61 -0.17
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.11 -0.92 0.00	30.50 0.03 -0.33	27.09 0.19 -0.09	26.30 -0.19 -0.01	26.35 0.18 -0.04	27.53 0.22 -0.12	30.11 0.58 -0.35	30.17 0.73 -0.34	28.91 0.40 -0.20	29.95 0.38 -0.21	29.54 0.03 0.00	31.45 0.03 -0.11	34.36 0.20 -0.69	36.31 0.11 -0.82	38.40 0.33 -0.95	42.96 -0.42 -1.27	47.89 -0.89 -1.70	59.74 -2.82 -2.58	64.49 -3.58 -2.95	64.52 -3.58 -3.06	51.19 -2.37 -2.02	47.13 -1.26 -1.66	40.03 -1.12 -1.21	37.73 0.97 -0.92
PACKARD___115KV_DUPONT_184 80571	33.11 -0.92 0.00	30.50 0.03 -0.33	27.09 0.19 -0.09	26.30 -0.19 -0.01	26.35 0.18 -0.04	27.53 0.22 -0.12	30.11 0.58 -0.35	30.17 0.73 -0.34	28.91 0.40 -0.20	29.95 0.38 -0.21	29.54 0.03 0.00	31.45 0.03 -0.11	34.36 0.20 -0.69	36.31 0.11 -0.82	38.40 0.33 -0.95	42.96 -0.42 -1.27	47.89 -0.89 -1.70	59.74 -2.82 -2.58	64.49 -3.58 -2.95	64.52 -3.58 -3.06	51.19 -2.37 -2.02	47.13 -1.26 -1.66	40.03 -1.12 -1.21	37.73 0.97 -0.92
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.04 2.01 -0.01	31.84 1.69 -0.01	28.35 1.53 -0.01	28.05 1.56 -0.01	27.62 1.49 0.00	28.61 1.41 0.00	30.43 1.25 0.00	30.41 1.31 0.00	29.59 1.27 0.00	30.88 1.53 0.00	31.22 1.71 0.00	33.30 1.85 -0.15	35.95 2.11 -0.37	38.14 2.26 -0.50	39.84 2.15 -0.57	45.16 2.11 -0.93	50.02 1.65 -1.29	61.72 1.56 -0.18	67.02 1.76 -0.14	66.60 1.56 0.00	52.36 0.82 0.01	47.89 1.17 0.00	42.00 1.52 -0.54	37.56 1.54 -0.17
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.38 2.35 -0.01	32.17 2.02 -0.01	28.65 1.82 -0.01	28.34 1.85 -0.01	27.91 1.78 0.00	28.91 1.71 0.00	30.75 1.58 0.00	30.73 1.63 0.00	29.87 1.56 0.00	31.18 1.82 0.00	31.52 2.01 0.00	33.59 2.13 -0.15	36.26 2.41 -0.37	38.46 2.58 -0.50	40.17 2.49 -0.57	45.53 2.48 -0.93	50.49 2.12 -1.29	62.32 2.16 -0.18	67.67 2.41 -0.14	67.25 2.21 0.00	52.82 1.29 0.01	48.36 1.64 0.00	42.40 1.92 -0.54	37.95 1.94 -0.17
PATROON___115KV_TB1 80586	34.23 0.20 0.00	30.26 0.15 0.03	27.03 0.21 0.00	26.85 0.37 0.00	26.42 0.29 0.00	27.47 0.27 0.00	29.38 0.20 0.00	29.21 0.12 0.00	28.34 0.03 0.00	29.36 0.00 0.00	29.51 0.00 0.00	31.21 0.00 0.10	33.25 0.03 0.26	35.00 -0.04 0.35	36.68 -0.04 0.40	41.51 0.04 0.65	46.09 -0.09 0.90	59.74 -0.12 0.12	65.08 0.07 0.10	65.10 0.07 0.00	51.49 -0.05 0.00	46.49 -0.23 0.00	39.48 -0.08 0.38	35.58 -0.14 0.12
PATTRSNVILLE___SOLAR 323815	35.08 1.06 0.00	31.08 0.94 0.00	27.65 0.83 0.00	27.38 0.90 0.00	26.99 0.86 0.00	28.06 0.87 0.00	30.08 0.91 0.00	29.91 0.81 0.00	28.80 0.48 0.00	29.62 0.26 0.00	29.63 0.12 0.00	31.31 0.09 0.09	33.35 0.10 0.22	35.19 0.11 0.29	37.00 0.22 0.34	42.07 0.51 0.55	47.02 0.71 0.77	61.31 1.44 0.11	67.11 2.08 0.09	67.18 2.14 0.00	53.14 1.60 0.00	48.08 1.36 0.00	40.78 1.16 0.32	36.71 0.97 0.10
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.75 -0.27 0.00	30.45 -0.03 -0.34	26.96 0.05 -0.09	26.22 -0.26 -0.01	26.25 0.08 -0.04	27.39 0.08 -0.12	29.97 0.44 -0.36	29.89 0.44 -0.35	28.80 0.28 -0.20	29.96 0.38 -0.22	29.89 0.38 0.00	31.86 0.44 -0.11	34.82 0.64 -0.71	36.87 0.64 -0.85	38.98 0.89 -0.98	43.80 0.38 -1.31	48.97 0.14 -1.75	61.56 -1.08 -2.66	66.79 -1.37 -3.04	66.83 -1.37 -3.16	52.90 -0.72 -2.08	47.97 -0.47 -1.71	40.79 -0.40 -1.25	37.65 0.86 -0.95
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.79 1.77 0.00	31.62 1.48 0.00	28.08 1.26 0.00	27.83 1.35 0.00	27.41 1.28 0.00	28.47 1.28 0.00	30.37 1.20 0.00	30.32 1.22 0.00	29.48 1.16 0.00	30.76 1.41 0.00	31.04 1.53 0.00	33.06 1.63 -0.13	35.63 1.84 -0.32	37.79 1.98 -0.43	39.57 1.97 -0.49	45.11 2.19 -0.80	50.31 2.12 -1.11	62.65 2.52 -0.15	68.04 2.80 -0.12	67.71 2.67 0.00	53.34 1.80 0.00	48.27 1.54 0.00	41.92 1.52 -0.47	37.28 1.29 -0.14
PEEKSKILL___ 23653	35.49 1.46 0.00	31.35 1.21 0.00	27.89 1.07 0.00	27.61 1.14 0.00	27.20 1.07 0.00	28.25 1.06 0.00	30.14 0.96 0.00	30.12 1.02 0.00	29.31 0.99 0.00	30.56 1.20 0.00	30.84 1.33 0.00	32.86 1.41 -0.15	35.45 1.61 -0.37	37.64 1.77 -0.49	39.38 1.71 -0.56	44.80 1.77 -0.92	49.90 1.55 -1.27	61.83 1.68 -0.17	67.08 1.82 -0.14	66.73 1.69 0.00	52.57 1.03 0.00	47.66 0.93 0.00	41.59 1.12 -0.53	36.97 0.97 -0.16
PGE MADISON___WINDPWR 24146	36.00 1.97 0.00	32.30 1.75 -0.41	28.40 1.47 -0.11	28.02 1.54 -0.01	27.72 1.54 -0.05	29.00 1.66 -0.15	31.54 1.93 -0.43	31.42 1.89 -0.43	30.01 1.44 -0.25	30.68 1.06 -0.27	30.48 0.97 0.00	32.41 0.97 -0.13	35.37 1.04 -0.86	37.47 1.06 -1.03	39.64 1.34 -1.19	45.68 1.98 -1.58	52.03 2.82 -2.12	67.65 4.44 -3.23	74.47 5.66 -3.69	74.65 5.79 -3.83	58.55 4.48 -2.52	52.49 3.69 -2.08	44.29 2.84 -1.51	39.65 2.65 -1.16

PIERCEFIELD___HYD 23852	34.33 0.31 0.00	30.55 0.27 -0.14	27.09 0.24 -0.04	26.61 0.13 0.00	26.25 0.10 -0.02	27.40 0.16 -0.05	29.61 0.29 -0.14	29.50 0.26 -0.14	28.74 0.34 -0.08	29.68 0.23 -0.09	29.77 0.27 0.00	31.60 0.25 -0.04	33.76 0.00 -0.29	35.79 0.07 -0.34	37.55 0.04 -0.39	42.85 0.21 -0.53	48.16 0.38 -0.71	61.95 0.90 -1.07	67.38 1.04 -1.23	67.29 0.98 -1.27	53.25 0.88 -0.84	48.58 1.17 -0.69	45.83 1.08 -4.81	40.14 0.86 -3.43
PINELAWN_CC_1 323563	35.76 1.73 0.00	31.62 1.48 0.00	28.05 1.23 0.00	27.69 1.22 0.00	27.28 1.15 0.00	28.25 1.06 0.00	30.08 0.91 0.00	30.26 1.17 0.00	29.33 1.02 0.00	30.74 1.38 0.00	31.35 1.83 -0.01	33.41 1.94 -0.16	36.00 2.14 -0.38	38.19 2.30 -0.51	39.96 2.26 -0.58	44.74 1.69 -0.93	49.45 1.08 -1.29	61.36 1.20 -0.18	66.37 1.11 -0.14	65.23 0.20 0.00	51.80 0.26 0.00	46.72 0.00 0.01	41.72 1.24 -0.54	37.08 1.07 -0.17
PJM_GEN_HTTP_PROXY 323702	35.73 1.70 0.00	31.56 1.42 0.00	28.08 1.26 0.00	27.77 1.30 0.00	27.36 1.23 0.00	28.42 1.22 0.00	30.35 1.17 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.85 1.50 0.00	31.13 1.62 0.00	33.21 1.75 -0.15	35.82 1.97 -0.37	38.04 2.16 -0.50	39.76 2.08 -0.57	45.20 2.15 -0.93	50.26 1.89 -1.29	62.13 1.98 -0.18	67.40 2.15 -0.14	66.99 1.95 0.00	52.73 1.19 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.26 1.25 -0.17
PJM_GEN_KEystone 24065	34.40 0.37 0.00	30.80 0.45 -0.21	27.30 0.43 -0.06	26.80 0.32 -0.01	26.60 0.44 -0.03	27.70 0.43 -0.07	29.89 0.50 -0.22	29.86 0.55 -0.22	28.92 0.48 -0.12	30.13 0.65 -0.13	30.22 0.71 0.00	32.14 0.69 -0.14	35.00 0.90 -0.62	37.10 0.96 -0.77	39.00 1.00 -0.88	43.97 0.76 -1.10	48.79 0.52 -1.19	60.35 -0.12 -0.49	65.90 -0.07 -0.85	65.79 -0.19 -0.95	52.10 -0.10 -0.66	47.33 -0.05 -0.65	41.01 0.08 -1.00	37.08 0.57 -0.66
PJM_GEN_NEPTUNE_PROXY 323594	35.45 1.43 0.00	31.35 1.21 0.00	27.83 1.02 0.00	27.48 1.01 0.00	27.07 0.94 0.00	28.06 0.87 0.00	29.88 0.70 0.00	30.03 0.93 0.00	29.16 0.85 0.00	30.53 1.18 0.00	31.05 1.53 -0.01	33.12 1.66 -0.16	35.69 1.84 -0.38	37.80 1.91 -0.50	39.58 1.89 -0.58	44.69 1.64 -0.93	49.50 1.13 -1.29	61.54 1.38 -0.18	66.56 1.30 -0.14	65.56 0.52 0.00	51.80 0.26 0.00	46.81 0.09 0.01	41.36 0.88 -0.54	36.80 0.79 -0.17
PJM_GEN_VFT_PROXY 323633	35.59 1.57 0.00	31.41 1.27 0.00	27.94 1.13 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.28 1.09 0.00	30.20 1.02 0.00	30.23 1.13 0.00	29.45 1.13 0.00	30.74 1.38 0.00	31.01 1.50 0.00	33.08 1.63 -0.15	35.69 1.84 -0.37	37.89 2.02 -0.50	39.61 1.93 -0.57	42.60 1.94 1.46	42.45 1.60 6.24	44.29 1.56 17.25	51.60 1.69 15.20	52.61 1.50 13.93	43.74 0.82 8.62	42.09 0.93 5.57	41.10 1.16 0.00	37.04 1.04 -0.16
PLATSBURG_115KV_PMLD1 355749	34.71 0.68 0.00	30.59 0.45 0.00	27.14 0.32 0.00	26.50 0.03 0.00	26.00 -0.13 0.00	27.03 -0.16 0.00	29.03 -0.15 0.00	29.01 -0.09 0.00	28.54 0.23 0.00	29.53 0.18 0.00	29.72 0.21 0.00	31.43 0.13 0.00	33.17 -0.30 0.00	35.06 -0.32 0.00	36.71 -0.41 0.00	41.82 -0.29 0.00	47.41 0.33 0.00	61.72 1.74 0.00	67.26 2.15 0.00	66.99 1.95 0.00	53.29 1.75 0.00	48.64 1.92 0.00	41.98 1.72 -0.33	37.65 1.58 -0.23
PLEASANTVLY___LBMP 24000	35.25 1.22 0.00	31.13 0.99 0.00	27.73 0.91 0.00	27.48 1.01 0.00	27.04 0.91 0.00	28.12 0.92 0.00	29.99 0.82 0.00	29.94 0.84 0.00	29.11 0.79 0.00	30.32 0.97 0.00	30.57 1.06 0.00	32.60 1.13 -0.16	35.15 1.27 -0.41	37.34 1.42 -0.55	39.08 1.34 -0.63	44.53 1.39 -1.02	49.63 1.13 -1.42	61.31 1.14 -0.20	66.64 1.37 -0.16	66.27 1.24 0.00	52.26 0.72 0.00	47.38 0.65 0.00	41.37 0.84 -0.60	36.74 0.72 -0.18
PLSNTVLE_13_KV_13.8KVDIST 80602	35.56 1.53 0.00	31.41 1.27 0.00	27.94 1.13 0.00	27.67 1.19 0.00	27.25 1.12 0.00	28.31 1.11 0.00	30.23 1.05 0.00	30.20 1.11 0.00	29.39 1.08 0.00	30.65 1.29 0.00	30.93 1.42 0.00	32.96 1.50 -0.15	35.55 1.71 -0.38	37.72 1.84 -0.50	39.47 1.78 -0.57	44.91 1.85 -0.94	50.02 1.65 -1.30	61.90 1.74 -0.18	67.28 2.02 -0.15	66.92 1.89 0.00	52.73 1.19 0.00	47.80 1.07 0.00	41.68 1.20 -0.55	37.05 1.04 -0.17
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.56 1.53 0.00	31.41 1.27 0.00	27.94 1.13 0.00	27.67 1.19 0.00	27.25 1.12 0.00	28.31 1.11 0.00	30.23 1.05 0.00	30.20 1.11 0.00	29.39 1.08 0.00	30.65 1.29 0.00	30.93 1.42 0.00	32.96 1.50 -0.15	35.55 1.71 -0.38	37.72 1.84 -0.50	39.47 1.78 -0.57	44.91 1.85 -0.94	50.02 1.65 -1.30	61.90 1.74 -0.18	67.28 2.02 -0.15	66.92 1.89 0.00	52.73 1.19 0.00	47.80 1.07 0.00	41.68 1.20 -0.55	37.05 1.04 -0.17
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.52 1.50 0.00	31.38 1.24 0.00	27.91 1.10 0.00	27.67 1.19 0.00	27.25 1.12 0.00	28.31 1.11 0.00	30.23 1.05 0.00	30.12 1.02 0.00	29.31 0.99 0.00	30.50 1.14 0.00	30.75 1.24 0.00	32.57 1.31 0.05	34.89 1.54 0.13	36.90 1.66 0.14	38.58 1.63 0.16	43.66 1.81 0.27	48.45 1.74 0.37	61.97 2.04 0.05	67.35 2.28 0.04	67.25 2.21 0.00	52.98 1.44 0.00	47.89 1.17 0.00	41.02 1.24 0.16	36.83 1.04 0.05
POLETTI_____ 23519	23.78 1.84 12.08	23.78 1.54 7.90	23.78 1.37 4.40	23.75 1.40 4.12	23.77 1.36 3.72	23.78 1.28 4.69	23.78 1.11 6.51	23.78 1.16 6.48	23.78 1.10 5.64	23.78 1.38 6.96	25.84 1.56 5.23	25.81 1.69 7.19	25.84 1.94 9.57	25.81 2.09 11.66	25.81 1.93 13.23	25.80 1.85 18.17	25.81 1.32 22.59	40.61 1.14 20.51	45.97 1.30 20.45	49.62 1.11 16.53	35.31 0.52 16.75	25.81 0.89 21.80	25.81 1.32 15.44	25.81 1.36 11.39
POMONA___ESR 323819	35.49 1.46 0.00	31.38 1.24 0.00	27.89 1.07 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.25 1.06 0.00	30.17 0.99 0.00	30.12 1.02 0.00	29.31 0.99 0.00	30.56 1.20 0.00	30.84 1.33 0.00	32.89 1.44 -0.14	35.46 1.64 -0.35	37.65 1.80 -0.47	39.40 1.74 -0.54	44.84 1.85 -0.87	49.94 1.65 -1.21	61.89 1.74 -0.17	67.20 1.95 -0.14	66.86 1.82 0.00	52.67 1.13 0.00	47.71 0.98 0.00	41.61 1.16 -0.51	37.00 1.00 -0.16
PORT_JEFF_3 23555	35.69 1.67 0.00	31.53 1.39 0.00	27.94 1.13 0.00	27.59 1.11 0.00	27.18 1.05 0.00	28.14 0.95 0.00	29.93 0.76 0.00	30.20 1.11 0.00	29.22 0.91 0.00	30.62 1.26 0.00	31.29 1.77 -0.01	33.38 1.91 -0.16	36.00 2.14 -0.38	38.26 2.37 -0.51	39.88 2.19 -0.58	45.11 2.06 -0.93	49.88 1.51 -1.29	62.13 1.98 -0.18	66.95 1.69 -0.14	65.62 0.58 0.00	52.11 0.57 0.00	46.86 0.14 0.01	41.56 1.08 -0.54	36.87 0.86 -0.17
PORT_JEFF_4 23616	35.69 1.67 0.00	31.53 1.39 0.00	27.94 1.13 0.00	27.59 1.11 0.00	27.18 1.05 0.00	28.14 0.95 0.00	29.93 0.76 0.00	30.20 1.11 0.00	29.22 0.91 0.00	30.62 1.26 0.00	31.29 1.77 -0.01	33.38 1.91 -0.16	36.00 2.14 -0.38	38.26 2.37 -0.51	39.88 2.19 -0.58	45.11 2.06 -0.93	49.88 1.51 -1.29	62.13 1.98 -0.18	66.95 1.69 -0.14	65.62 0.58 0.00	52.11 0.57 0.00	46.86 0.14 0.01	41.56 1.08 -0.54	36.87 0.86 -0.17

PORT_JEFF_IC 23713	35.73 1.70 0.00	31.56 1.42 0.00	27.99 1.18 0.00	27.59 1.11 0.00	27.20 1.07 0.00	28.17 0.98 0.00	29.97 0.79 0.00	30.47 1.37 0.00	29.25 0.93 0.00	30.65 1.29 0.00	31.38 1.86 -0.01	33.41 1.94 -0.16	36.10 2.24 -0.38	38.29 2.41 -0.51	39.96 2.26 -0.58	45.16 2.11 -0.93	49.92 1.55 -1.29	62.26 2.10 -0.18	66.95 1.69 -0.14	65.62 0.59 0.00	52.26 0.72 0.00	46.90 0.19 0.01	41.60 1.12 -0.54	36.94 0.93 -0.17
PPL PILGRIM_ST_GT1 24216	35.96 1.94 0.00	31.77 1.63 0.00	28.18 1.37 0.00	27.80 1.32 0.00	27.41 1.28 0.00	28.36 1.17 0.00	30.20 1.02 0.00	30.41 1.31 0.00	29.48 1.16 0.00	30.88 1.53 0.00	31.55 2.03 -0.01	33.62 2.16 -0.16	36.30 2.44 -0.38	38.50 2.62 -0.51	40.25 2.56 -0.58	45.45 2.40 -0.93	50.26 1.89 -1.29	62.62 2.46 -0.18	67.73 2.47 -0.14	66.47 1.43 0.00	52.57 1.03 0.00	47.32 0.61 0.01	41.96 1.48 -0.54	37.26 1.25 -0.17
PPL PILGRIM_ST_GT2 24217	35.96 1.94 0.00	31.77 1.63 0.00	28.18 1.37 0.00	27.80 1.32 0.00	27.41 1.28 0.00	28.36 1.17 0.00	30.20 1.02 0.00	30.41 1.31 0.00	29.48 1.16 0.00	30.88 1.53 0.00	31.55 2.03 -0.01	33.62 2.16 -0.16	36.30 2.44 -0.38	38.50 2.62 -0.51	40.25 2.56 -0.58	45.45 2.40 -0.93	50.26 1.89 -1.29	62.62 2.46 -0.18	67.73 2.47 -0.14	66.47 1.43 0.00	52.57 1.03 0.00	47.32 0.61 0.01	41.96 1.48 -0.54	37.26 1.25 -0.17
PPL_SHRM_GT3 24213	35.35 1.33 0.00	31.22 1.08 0.00	27.67 0.86 0.00	27.30 0.82 0.00	26.91 0.78 0.00	27.85 0.65 0.00	29.62 0.44 0.00	30.00 0.90 0.00	28.91 0.60 0.00	30.29 0.94 0.00	30.99 1.47 -0.01	33.03 1.56 -0.16	35.66 1.81 -0.38	37.90 2.02 -0.51	39.51 1.82 -0.58	44.78 1.73 -0.93	49.45 1.08 -1.29	61.66 1.50 -0.18	66.63 1.37 -0.14	65.30 0.26 0.00	51.64 0.10 0.00	46.39 -0.32 0.01	41.12 0.64 -0.54	36.47 0.46 -0.17
PPL_SHRM_GT4 24214	35.35 1.33 0.00	31.22 1.08 0.00	27.67 0.86 0.00	27.30 0.82 0.00	26.91 0.78 0.00	27.85 0.65 0.00	29.62 0.44 0.00	30.00 0.90 0.00	28.91 0.60 0.00	30.29 0.94 0.00	30.99 1.47 -0.01	33.03 1.56 -0.16	35.66 1.81 -0.38	37.90 2.02 -0.51	39.51 1.82 -0.58	44.78 1.73 -0.93	49.45 1.08 -1.29	61.66 1.50 -0.18	66.63 1.37 -0.14	65.30 0.26 0.00	51.64 0.10 0.00	46.39 -0.32 0.01	41.12 0.64 -0.54	36.47 0.46 -0.17
PROJECT___ORANGE 1 24174	33.92 -0.10 0.00	30.64 -0.06 -0.56	26.89 -0.08 -0.16	26.38 -0.11 -0.01	26.15 -0.05 -0.07	27.34 -0.05 -0.20	29.74 -0.03 -0.59	29.68 0.00 -0.58	28.54 -0.11 -0.34	29.60 -0.12 -0.36	29.39 -0.12 0.00	31.40 -0.09 -0.18	34.61 -0.03 -1.17	36.71 -0.07 -1.40	38.62 -0.11 -1.62	44.15 -0.13 -2.16	49.93 -0.05 -2.89	64.26 -0.12 -4.40	70.08 -0.07 -5.03	70.25 0.00 -5.21	54.93 -0.05 -3.44	49.46 -0.09 -2.83	41.93 -0.20 -2.19	37.43 -0.07 -1.66
PROJECT___ORANGE 2 24166	33.92 -0.10 0.00	30.64 -0.06 -0.56	26.89 -0.08 -0.16	26.38 -0.11 -0.01	26.15 -0.05 -0.07	27.34 -0.05 -0.20	29.74 -0.03 -0.59	29.68 0.00 -0.58	28.54 -0.11 -0.34	29.60 -0.12 -0.36	29.39 -0.12 0.00	31.40 -0.09 -0.18	34.61 -0.03 -1.17	36.71 -0.07 -1.40	38.62 -0.11 -1.62	44.15 -0.13 -2.16	49.93 -0.05 -2.89	64.26 -0.12 -4.40	70.08 -0.07 -5.03	70.25 0.00 -5.21	54.93 -0.05 -3.44	49.46 -0.09 -2.83	41.93 -0.20 -2.19	37.43 -0.07 -1.66
PUCKETT___SOLAR 323809	34.77 0.75 0.00	31.23 0.69 -0.40	27.51 0.59 -0.11	27.04 0.56 -0.01	26.81 0.63 -0.05	27.98 0.65 -0.14	30.35 0.76 -0.42	30.26 0.76 -0.41	29.09 0.54 -0.24	30.02 0.41 -0.26	29.83 0.33 0.00	31.72 0.28 -0.13	34.70 0.40 -0.82	36.76 0.39 -0.99	38.77 0.52 -1.14	44.27 0.63 -1.52	50.01 0.89 -2.03	64.33 1.26 -3.09	70.41 1.76 -3.53	70.46 1.76 -3.66	55.40 1.44 -2.42	49.83 1.12 -1.99	42.27 0.88 -1.45	37.92 0.97 -1.11
PYRITES___HYD 24023	34.71 0.68 0.00	30.84 0.57 -0.13	27.36 0.51 -0.04	26.88 0.40 0.00	26.51 0.37 -0.02	27.67 0.44 -0.04	29.92 0.61 -0.13	29.81 0.58 -0.13	28.96 0.57 -0.08	29.82 0.38 -0.08	29.92 0.41 0.00	31.76 0.41 -0.04	33.87 0.13 -0.27	35.91 0.21 -0.32	37.74 0.26 -0.37	43.11 0.51 -0.49	48.58 0.85 -0.66	62.65 1.68 -1.00	68.40 2.15 -1.14	68.30 2.08 -1.18	54.02 1.70 -0.78	49.19 1.82 -0.64	46.53 1.56 -5.04	40.69 1.25 -3.59
QUAKERRD_115KV_BK1 80622	33.38 -0.65 0.00	29.97 -0.51 -0.34	26.48 -0.43 -0.09	25.93 -0.56 -0.01	25.78 -0.39 -0.04	26.91 -0.41 -0.12	29.27 -0.26 -0.36	29.31 -0.15 -0.36	28.18 -0.34 -0.21	29.28 -0.29 -0.22	29.18 -0.32 0.00	31.11 -0.31 -0.11	33.98 -0.20 -0.71	35.99 -0.25 -0.85	37.95 -0.15 -0.98	43.01 -0.42 -1.31	48.56 -0.28 -1.76	61.82 -0.84 -2.68	67.13 -1.04 -3.06	67.30 -0.91 -3.17	52.91 -0.72 -2.09	47.98 -0.47 -1.72	40.63 -0.56 -1.25	36.69 -0.11 -0.96
QUENSBRY_115KV_TB8 356137	35.05 1.02 0.00	31.19 1.02 -0.03	27.70 0.88 0.00	27.48 1.01 0.00	27.10 0.97 0.00	28.15 0.95 0.00	30.20 1.02 0.00	30.06 0.96 0.00	28.99 0.68 0.00	29.83 0.47 0.00	29.89 0.38 0.00	31.56 0.38 0.12	33.53 0.37 0.31	35.18 0.21 0.41	37.09 0.45 0.47	42.15 0.80 0.77	47.15 1.13 1.06	61.87 2.04 0.15	67.93 2.93 0.12	67.97 2.93 0.00	53.70 2.16 0.00	48.50 1.78 0.00	40.85 1.36 0.45	36.74 1.04 0.14
RAMAPO___LBMP 323565	35.39 1.36 0.00	31.26 1.12 0.00	27.81 0.99 0.00	27.53 1.06 0.00	27.12 0.99 0.00	28.17 0.98 0.00	30.05 0.88 0.00	30.03 0.93 0.00	29.22 0.91 0.00	30.47 1.12 0.00	30.75 1.24 0.00	32.73 1.28 -0.14	35.33 1.51 -0.35	37.51 1.66 -0.46	39.20 1.56 -0.53	44.63 1.64 -0.86	49.69 1.41 -1.20	61.64 1.50 -0.16	66.94 1.69 -0.13	66.60 1.56 0.00	52.52 0.98 0.00	47.52 0.79 0.00	41.40 0.96 -0.50	36.86 0.86 -0.15
RANKINE____ 23646	33.96 -0.07 0.00	30.66 0.18 -0.34	27.15 0.24 -0.09	26.41 -0.08 -0.01	26.43 0.26 -0.04	27.61 0.30 -0.12	30.23 0.70 -0.36	30.21 0.76 -0.35	29.11 0.59 -0.20	30.25 0.68 -0.22	30.16 0.65 0.00	32.14 0.72 -0.11	35.12 0.94 -0.71	37.15 0.92 -0.85	39.31 1.22 -0.98	44.09 0.67 -1.30	49.25 0.42 -1.74	61.79 -0.84 -2.65	66.97 -1.17 -3.03	67.01 -1.17 -3.14	53.10 -0.52 -2.07	48.43 0.00 -1.71	41.14 -0.04 -1.24	37.97 1.18 -0.95
RAVENSWOOD_GT2_1 24244	35.76 1.74 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.89 2.04 -0.37	38.07 2.19 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.25 1.88 -1.29	62.08 1.92 -0.18	67.41 2.15 -0.14	67.06 2.02 0.00	52.73 1.19 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.30 1.29 -0.17
RAVENSWOOD_GT2_2 24245	35.76 1.74 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.89 2.04 -0.37	38.07 2.19 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.25 1.88 -1.29	62.08 1.92 -0.18	67.41 2.15 -0.14	67.06 2.02 0.00	52.73 1.19 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.30 1.29 -0.17

RAVENSWOOD_GT2_3 24246	35.79 1.77 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.83 1.35 0.00	27.41 1.28 0.00	28.47 1.28 0.00	30.37 1.20 0.00	30.41 1.31 0.00	29.62 1.30 0.00	30.88 1.53 0.00	31.22 1.71 0.00	33.27 1.82 -0.15	35.89 2.04 -0.37	38.07 2.19 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.30 1.93 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.78 1.24 0.00	47.99 1.26 0.00	41.92 1.44 -0.54	37.30 1.29 -0.17
RAVENSWOOD_GT2_4 24247	35.79 1.77 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.83 1.35 0.00	27.41 1.28 0.00	28.47 1.28 0.00	30.37 1.20 0.00	30.41 1.31 0.00	29.62 1.30 0.00	30.88 1.53 0.00	31.22 1.71 0.00	33.27 1.82 -0.15	35.89 2.04 -0.37	38.07 2.19 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.30 1.93 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.78 1.24 0.00	47.99 1.26 0.00	41.92 1.44 -0.54	37.30 1.29 -0.17
RAVENSWOOD_GT3_1 24248	35.76 1.74 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.89 2.04 -0.37	38.07 2.19 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.25 1.88 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.78 1.24 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.30 1.29 -0.17
RAVENSWOOD_GT3_2 24249	35.76 1.74 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.89 2.04 -0.37	38.07 2.19 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.25 1.88 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.78 1.24 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.30 1.29 -0.17
RAVENSWOOD_GT3_3 24250	35.83 1.80 0.00	31.62 1.48 0.00	28.13 1.31 0.00	27.83 1.35 0.00	27.44 1.31 0.00	28.50 1.31 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.65 1.33 0.00	30.91 1.56 0.00	31.25 1.74 0.00	33.30 1.85 -0.15	35.92 2.08 -0.37	38.11 2.23 -0.50	39.87 2.19 -0.57	45.32 2.27 -0.93	50.35 1.98 -1.29	62.20 2.04 -0.18	67.54 2.28 -0.14	67.12 2.08 0.00	52.83 1.29 0.00	48.03 1.31 0.00	41.96 1.48 -0.54	37.33 1.33 -0.17
RAVENSWOOD_GT3_4 24251	35.83 1.80 0.00	31.62 1.48 0.00	28.13 1.31 0.00	27.83 1.35 0.00	27.44 1.31 0.00	28.50 1.31 0.00	30.40 1.23 0.00	30.44 1.34 0.00	29.65 1.33 0.00	30.91 1.56 0.00	31.25 1.74 0.00	33.30 1.85 -0.15	35.92 2.08 -0.37	38.11 2.23 -0.50	39.87 2.19 -0.57	45.32 2.27 -0.93	50.35 1.98 -1.29	62.20 2.04 -0.18	67.54 2.28 -0.14	67.12 2.08 0.00	52.83 1.29 0.00	48.03 1.31 0.00	41.96 1.48 -0.54	37.33 1.33 -0.17
RAVENSWOOD_GT_1 23729	35.90 1.87 0.00	31.71 1.57 0.00	28.24 1.42 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.43 1.25 0.00	30.47 1.37 0.00	29.65 1.33 0.00	30.94 1.59 0.00	31.28 1.77 0.00	33.37 1.91 -0.15	35.99 2.14 -0.37	38.18 2.30 -0.50	39.87 2.19 -0.57	45.20 2.15 -0.93	50.16 1.79 -1.29	61.90 1.74 -0.18	67.21 1.95 -0.14	66.79 1.76 0.00	52.51 0.98 0.01	47.89 1.17 0.00	41.92 1.44 -0.54	37.44 1.43 -0.17
RAVENSWOOD_GT_10 24258	35.76 1.74 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.89 2.04 -0.37	38.07 2.19 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.25 1.88 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.78 1.24 0.00	47.99 1.26 0.00	41.88 1.40 -0.54	37.30 1.29 -0.17
RAVENSWOOD_GT_11 24259	35.76 1.74 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.89 2.04 -0.37	38.07 2.19 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.25 1.88 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.78 1.24 0.00	47.99 1.26 0.00	41.88 1.40 -0.54	37.30 1.29 -0.17
RAVENSWOOD_GT_4 24252	35.76 1.74 0.00	31.56 1.42 0.00	28.08 1.26 0.00	27.77 1.30 0.00	27.36 1.23 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.85 1.50 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.85 2.01 -0.37	38.04 2.16 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.30 1.93 -1.29	62.20 2.04 -0.18	67.54 2.28 -0.14	67.12 2.08 0.00	52.83 1.29 -0.01	47.99 1.26 0.00	41.92 1.44 -0.54	37.26 1.25 -0.17
RAVENSWOOD_GT_5 24254	35.76 1.74 0.00	31.56 1.42 0.00	28.08 1.26 0.00	27.77 1.30 0.00	27.36 1.23 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.85 1.50 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.85 2.01 -0.37	38.04 2.16 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.30 1.93 -1.29	62.20 2.04 -0.18	67.54 2.28 -0.14	67.12 2.08 0.00	52.83 1.29 -0.01	47.99 1.26 0.00	41.92 1.44 -0.54	37.26 1.25 -0.17
RAVENSWOOD_GT_6 24253	35.76 1.74 0.00	31.56 1.42 0.00	28.08 1.26 0.00	27.77 1.30 0.00	27.36 1.23 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.85 1.50 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.85 2.01 -0.37	38.04 2.16 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.30 1.93 -1.29	62.20 2.04 -0.18	67.54 2.28 -0.14	67.12 2.08 0.00	52.83 1.29 -0.01	47.99 1.26 0.00	41.92 1.44 -0.54	37.26 1.25 -0.17
RAVENSWOOD_GT_7 24255	35.76 1.74 0.00	31.56 1.42 0.00	28.08 1.26 0.00	27.77 1.30 0.00	27.36 1.23 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.85 1.50 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.85 2.01 -0.37	38.04 2.16 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.30 1.93 -1.29	62.20 2.04 -0.18	67.54 2.28 -0.14	67.12 2.08 0.00	52.83 1.29 -0.01	47.99 1.26 0.00	41.92 1.44 -0.54	37.26 1.25 -0.17
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.76 1.74 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.89 2.04 -0.37	38.07 2.19 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.25 1.88 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.78 1.24 0.00	47.99 1.26 0.00	41.88 1.40 -0.54	37.30 1.29 -0.17
RAVENSWOOD_GT_9 24257	35.76 1.74 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.44 1.25 0.00	30.34 1.17 0.00	30.38 1.28 0.00	29.59 1.27 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.24 1.78 -0.15	35.89 2.04 -0.37	38.07 2.19 -0.50	39.80 2.12 -0.57	45.24 2.19 -0.93	50.25 1.88 -1.29	62.14 1.98 -0.18	67.47 2.21 -0.14	67.06 2.02 0.00	52.78 1.24 0.00	47.99 1.26 0.00	41.88 1.40 -0.54	37.30 1.29 -0.17

RAVENSWOOD___1 23533	35.90 1.87 0.00	31.71 1.57 0.00	28.24 1.42 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.43 1.25 0.00	30.47 1.37 0.00	29.65 1.33 0.00	30.94 1.58 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.96 2.11 -0.37	38.18 2.30 -0.50	39.87 2.19 -0.57	45.20 2.15 -0.93	50.16 1.79 -1.29	61.83 1.68 -0.18	67.08 1.82 -0.14	66.67 1.63 0.00	52.46 0.93 0.01	47.89 1.17 0.00	41.92 1.44 -0.54	37.44 1.44 -0.17
RAVENSWOOD___2 23534	35.83 1.80 0.00	31.65 1.51 0.00	28.18 1.37 0.00	27.88 1.40 0.00	27.46 1.33 0.00	28.50 1.31 0.00	30.37 1.20 0.00	30.41 1.31 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.19 1.68 0.00	33.30 1.85 -0.15	35.92 2.08 -0.37	38.11 2.23 -0.50	39.80 2.11 -0.57	45.11 2.06 -0.93	50.02 1.65 -1.29	61.29 1.14 -0.18	66.56 1.30 -0.14	66.08 1.04 0.00	52.10 0.57 0.01	47.80 1.08 0.00	41.84 1.36 -0.54	37.37 1.36 -0.17
RAVENSWOOD___3 23535	35.79 1.77 0.00	31.59 1.45 0.00	28.10 1.29 0.00	27.83 1.35 0.00	27.38 1.25 0.00	28.45 1.25 0.00	30.37 1.20 0.00	30.38 1.28 0.00	29.59 1.28 0.00	30.88 1.53 0.00	31.16 1.65 0.00	33.24 1.78 -0.15	35.85 2.01 -0.37	38.07 2.19 -0.50	39.80 2.11 -0.57	45.24 2.19 -0.93	50.26 1.89 -1.29	62.13 1.98 -0.18	67.40 2.15 -0.14	66.99 1.95 0.00	52.73 1.19 0.00	47.94 1.21 0.00	41.88 1.40 -0.54	37.30 1.29 -0.17
RAVENSWOOD___4 23820	35.90 1.87 0.00	31.71 1.57 0.00	28.21 1.39 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.43 1.25 0.00	30.44 1.34 0.00	29.65 1.33 0.00	30.94 1.58 0.00	31.25 1.74 0.00	33.33 1.88 -0.15	35.96 2.11 -0.37	38.18 2.30 -0.50	39.84 2.15 -0.57	45.20 2.15 -0.93	50.16 1.79 -1.29	61.78 1.62 -0.18	67.08 1.82 -0.14	66.67 1.63 0.00	52.41 0.88 0.01	47.89 1.17 0.00	41.88 1.40 -0.54	37.40 1.40 -0.17
RCPL_TRUST___DRP 24196	35.79 1.77 0.00	31.62 1.48 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.41 1.28 0.00	28.47 1.28 0.00	30.37 1.20 0.00	30.44 1.34 0.00	29.65 1.33 0.00	30.91 1.56 0.00	31.22 1.71 0.00	33.27 1.82 -0.15	35.92 2.08 -0.37	38.11 2.23 -0.50	39.84 2.15 -0.57	45.32 2.27 -0.93	50.35 1.98 -1.29	62.26 2.10 -0.18	67.60 2.34 -0.14	67.19 2.15 0.00	52.88 1.34 0.00	48.03 1.31 0.00	41.96 1.48 -0.54	37.33 1.33 -0.17
RED___ROCHESTER 323720	34.30 0.27 0.00	30.80 0.33 -0.32	27.23 0.32 -0.09	26.62 0.13 -0.01	26.49 0.31 -0.04	27.63 0.33 -0.11	30.10 0.58 -0.34	30.16 0.73 -0.34	28.99 0.48 -0.19	30.12 0.56 -0.21	30.13 0.62 0.00	32.01 0.59 -0.10	34.98 0.84 -0.67	37.00 0.81 -0.81	39.05 1.00 -0.93	44.20 0.84 -1.24	49.97 1.22 -1.66	63.35 0.84 -2.53	68.79 0.78 -2.89	68.88 0.84 -3.00	54.39 0.88 -1.98	49.33 0.98 -1.63	41.76 0.64 -1.19	37.79 1.04 -0.90
REGAN___SOLAR 323812	36.10 2.08 0.00	31.98 1.84 0.00	28.42 1.61 0.00	28.14 1.67 0.00	27.78 1.65 0.00	28.85 1.66 0.00	31.02 1.84 0.00	30.76 1.66 0.00	29.19 0.88 0.00	29.62 0.26 0.00	29.36 -0.15 0.00	30.92 -0.31 0.08	32.94 -0.33 0.20	34.76 -0.35 0.27	36.77 -0.04 0.31	42.25 0.63 0.50	47.85 1.46 0.69	63.18 3.30 0.09	69.92 4.89 0.08	70.05 5.01 0.00	55.30 3.76 0.00	50.00 3.27 0.00	42.28 2.64 0.29	37.94 2.19 0.09
RENSSELAER___COGEN 23796	34.03 0.00 0.00	30.10 0.00 0.04	26.90 0.08 0.00	26.71 0.24 0.00	26.26 0.13 0.00	27.33 0.14 0.00	29.21 0.03 0.00	29.04 -0.06 0.00	28.17 -0.14 0.00	29.21 -0.15 0.00	29.36 -0.15 0.00	31.08 -0.12 0.10	33.06 -0.17 0.25	34.84 -0.21 0.33	36.48 -0.26 0.38	41.29 -0.21 0.62	45.79 -0.42 0.86	59.32 -0.54 0.12	64.49 -0.52 0.10	64.52 -0.52 0.00	51.02 -0.52 0.00	46.17 -0.56 0.00	39.22 -0.36 0.36	35.34 -0.39 0.11
REPUBLIC_115KV_BARTNBK 55605	36.41 2.38 0.00	32.40 2.23 -0.03	28.75 1.93 0.00	28.51 2.04 0.00	28.17 2.04 0.00	29.23 2.04 0.00	31.45 2.28 0.00	31.25 2.15 0.00	29.96 1.64 0.00	30.71 1.35 0.00	30.69 1.18 0.00	32.44 1.25 0.12	34.50 1.34 0.31	36.13 1.17 0.42	38.27 1.63 0.48	43.70 2.36 0.78	49.16 3.15 1.08	64.99 5.16 0.15	71.77 6.77 0.12	71.87 6.83 0.00	56.69 5.15 0.00	50.98 4.25 0.00	42.80 3.31 0.45	38.32 2.62 0.14
REVERE_CPPR_DRP 24186	34.81 0.78 0.00	31.11 0.69 -0.27	27.45 0.56 -0.08	27.09 0.61 -0.01	26.74 0.57 -0.03	27.89 0.60 -0.10	30.19 0.73 -0.29	30.05 0.67 -0.28	28.93 0.45 -0.16	29.83 0.29 -0.18	29.77 0.27 0.00	31.71 0.31 -0.09	34.34 0.30 -0.57	36.38 0.32 -0.68	38.34 0.45 -0.78	44.05 0.88 -1.04	49.75 1.27 -1.40	64.09 1.98 -2.13	70.02 2.47 -2.43	70.16 2.60 -2.52	55.21 2.01 -1.66	49.78 1.68 -1.37	42.59 1.28 -1.38	37.98 1.11 -1.03
REYNLDPA_13_KV_LD 356490	34.20 0.17 0.00	30.29 0.15 0.00	26.98 0.16 0.00	26.50 0.03 0.00	26.18 0.05 0.00	27.28 0.08 0.00	29.32 0.15 0.00	29.27 0.18 0.00	28.63 0.31 0.00	29.65 0.29 0.00	29.83 0.33 0.00	31.62 0.31 0.00	33.64 0.17 0.00	35.59 0.21 0.00	37.30 0.19 0.00	42.33 0.21 0.00	47.46 0.37 0.00	60.76 0.78 0.00	65.90 0.78 0.00	65.76 0.72 0.00	52.16 0.62 0.00	47.43 0.70 0.00	39.88 0.60 0.66	35.84 0.46 0.47
REYNOLDS_115KV_TB3 80639	34.40 0.37 0.00	30.42 0.33 0.05	27.16 0.35 0.00	26.98 0.50 0.00	26.55 0.42 0.00	27.60 0.41 0.00	29.53 0.35 0.00	29.36 0.26 0.00	28.48 0.17 0.00	29.53 0.18 0.00	29.69 0.18 0.00	31.34 0.16 0.12	33.33 0.17 0.31	35.12 0.14 0.41	36.80 0.15 0.47	41.57 0.21 0.76	46.07 0.05 1.05	59.83 0.00 0.15	65.13 0.13 0.12	65.17 0.13 0.00	51.54 0.00 0.00	46.59 -0.14 0.00	39.50 0.00 0.44	35.67 -0.04 0.14
RIVERBAY____ 323610	36.38 2.35 -0.01	32.17 2.02 -0.01	28.65 1.82 -0.01	28.34 1.85 -0.01	27.91 1.78 0.00	28.91 1.71 0.00	30.75 1.58 0.00	30.73 1.63 0.00	29.87 1.56 0.00	31.18 1.82 0.00	31.52 2.01 0.00	33.59 2.13 -0.15	36.26 2.41 -0.37	38.46 2.58 -0.50	40.17 2.49 -0.57	45.53 2.48 -0.93	50.49 2.12 -1.29	62.32 2.16 -0.18	67.67 2.41 -0.14	67.25 2.21 0.00	52.82 1.29 0.01	48.36 1.64 0.00	42.40 1.92 -0.54	37.95 1.94 -0.17
RIVERSDE_115KV_TB3 55908	34.26 0.24 0.00	30.28 0.18 0.04	27.06 0.24 0.00	26.87 0.40 0.00	26.42 0.29 0.00	27.49 0.30 0.00	29.41 0.23 0.00	29.21 0.12 0.00	28.34 0.03 0.00	29.39 0.03 0.00	29.54 0.03 0.00	31.23 0.03 0.11	33.23 0.03 0.28	35.01 0.00 0.37	36.69 0.00 0.43	41.46 0.04 0.70	45.98 -0.14 0.96	59.67 -0.18 0.13	64.94 -0.07 0.11	64.97 -0.07 0.00	51.39 -0.15 0.00	46.45 -0.28 0.00	39.41 -0.12 0.41	35.54 -0.18 0.12
ROARING___BROOK_WT_PWR 323790	33.34 -0.68 0.00	29.51 -0.63 0.00	26.25 -0.56 0.00	25.89 -0.58 0.00	25.53 -0.60 0.00	26.54 -0.65 0.00	28.48 -0.70 0.00	28.46 -0.64 0.00	27.83 -0.48 0.00	29.00 -0.35 0.00	29.21 -0.30 0.00	31.00 -0.31 0.00	33.07 -0.40 0.00	34.96 -0.42 0.00	36.71 -0.41 0.00	41.74 -0.38 0.00	46.75 -0.33 0.00	59.74 -0.24 0.00	64.92 -0.19 0.00	64.78 -0.26 0.00	51.39 -0.15 0.00	46.63 -0.09 0.00	39.75 -0.08 0.11	35.69 -0.07 0.08

ROCHESRG_115KV_T4 355643	33.99 -0.03 0.00	30.52 0.06 -0.32	27.01 0.11 -0.09	26.40 -0.08 -0.01	26.27 0.10 -0.04	27.41 0.11 -0.11	29.83 0.32 -0.33	29.89 0.47 -0.33	28.76 0.25 -0.19	29.88 0.32 -0.20	29.77 0.27 0.00	31.72 0.31 -0.10	34.63 0.50 -0.66	36.63 0.46 -0.79	38.65 0.63 -0.91	43.71 0.38 -1.21	49.27 0.56 -1.63	62.51 0.06 -2.47	67.81 -0.13 -2.82	67.97 0.00 -2.93	53.57 0.10 -1.93	48.69 0.37 -1.59	41.26 0.16 -1.16	37.37 0.65 -0.88
ROCHESTER_9_IC 23652	34.16 0.14 0.00	30.67 0.21 -0.32	27.12 0.21 -0.09	26.51 0.03 -0.01	26.41 0.24 -0.04	27.55 0.24 -0.11	29.98 0.47 -0.34	30.05 0.61 -0.34	28.91 0.40 -0.19	30.01 0.44 -0.21	29.92 0.41 0.00	31.88 0.47 -0.10	34.82 0.67 -0.67	36.86 0.67 -0.81	38.86 0.82 -0.93	43.99 0.63 -1.24	49.64 0.89 -1.66	62.99 0.48 -2.53	68.33 0.33 -2.89	68.49 0.46 -3.00	53.98 0.46 -1.98	49.05 0.70 -1.63	41.52 0.40 -1.19	37.61 0.86 -0.90
ROCKVIEW_13_KV_LD 356306	35.76 1.74 0.00	31.56 1.42 0.00	28.08 1.26 0.00	27.80 1.32 0.00	27.38 1.25 0.00	28.44 1.25 0.00	30.37 1.20 0.00	30.38 1.28 0.00	29.56 1.25 0.00	30.85 1.50 0.00	31.16 1.65 0.00	33.18 1.72 -0.15	35.82 1.97 -0.37	38.00 2.12 -0.50	39.76 2.08 -0.57	45.24 2.19 -0.93	50.35 1.98 -1.29	62.32 2.16 -0.18	67.73 2.47 -0.14	67.32 2.28 0.00	52.98 1.44 0.00	48.03 1.31 0.00	41.92 1.44 -0.54	37.26 1.25 -0.17
ROME____115KV_TB2 80656	34.81 0.78 0.00	31.11 0.69 -0.27	27.45 0.56 -0.08	27.09 0.61 -0.01	26.74 0.57 -0.03	27.89 0.60 -0.10	30.19 0.73 -0.29	30.05 0.67 -0.28	28.93 0.45 -0.16	29.83 0.29 -0.18	29.77 0.27 0.00	31.71 0.31 -0.09	34.34 0.30 -0.57	36.38 0.32 -0.68	38.34 0.45 -0.78	44.05 0.88 -1.04	49.75 1.27 -1.40	64.09 1.98 -2.13	70.02 2.47 -2.43	70.16 2.60 -2.52	55.21 2.01 -1.66	49.78 1.68 -1.37	42.59 1.28 -1.38	37.98 1.11 -1.03
ROSETON___1 23587	35.22 1.19 0.00	31.13 0.99 0.00	27.70 0.88 0.00	27.46 0.98 0.00	27.02 0.89 0.00	28.09 0.90 0.00	29.97 0.79 0.00	29.91 0.81 0.00	29.11 0.79 0.00	30.29 0.94 0.00	30.54 1.03 0.00	32.54 1.10 -0.14	35.09 1.27 -0.35	37.22 1.38 -0.46	38.98 1.33 -0.53	44.37 1.39 -0.86	49.36 1.08 -1.19	61.22 1.08 -0.16	66.48 1.23 -0.13	66.14 1.10 0.00	52.16 0.62 0.00	47.38 0.65 0.00	41.28 0.84 -0.50	36.71 0.72 -0.15
ROSETON___2 23588	35.22 1.19 0.00	31.13 0.99 0.00	27.70 0.88 0.00	27.46 0.98 0.00	27.02 0.89 0.00	28.09 0.90 0.00	29.97 0.79 0.00	29.91 0.81 0.00	29.11 0.79 0.00	30.29 0.94 0.00	30.54 1.03 0.00	32.54 1.10 -0.14	35.09 1.27 -0.35	37.22 1.38 -0.46	38.98 1.33 -0.53	44.37 1.39 -0.86	49.36 1.08 -1.19	61.22 1.08 -0.16	66.48 1.23 -0.13	66.14 1.10 0.00	52.16 0.62 0.00	47.38 0.65 0.00	41.28 0.84 -0.50	36.71 0.72 -0.15
ROTRDAM_115KV_TB3 80664	34.77 0.75 0.00	30.81 0.66 -0.01	27.40 0.59 0.00	27.14 0.66 0.00	26.76 0.63 0.00	27.82 0.63 0.00	29.79 0.61 0.00	29.68 0.58 0.00	28.74 0.42 0.00	29.74 0.38 0.00	29.86 0.35 0.00	31.56 0.34 0.09	33.61 0.37 0.23	35.46 0.39 0.31	37.20 0.45 0.36	42.13 0.59 0.58	46.94 0.66 0.80	60.77 0.90 0.11	66.26 1.24 0.09	66.27 1.24 0.00	52.47 0.93 0.00	47.47 0.75 0.00	40.28 0.68 0.34	36.31 0.57 0.10
RUSSELL___1 23602	34.30 0.27 0.00	30.79 0.33 -0.32	27.23 0.32 -0.09	26.62 0.13 -0.01	26.48 0.31 -0.04	27.63 0.33 -0.11	30.10 0.58 -0.34	30.16 0.73 -0.34	28.99 0.48 -0.19	30.12 0.56 -0.21	30.04 0.53 0.00	32.04 0.63 -0.10	34.98 0.84 -0.67	37.00 0.81 -0.81	39.05 1.00 -0.93	44.20 0.84 -1.24	49.97 1.22 -1.66	63.35 0.84 -2.53	68.72 0.72 -2.89	68.88 0.85 -3.00	54.29 0.77 -1.98	49.33 0.98 -1.63	41.76 0.64 -1.19	37.79 1.04 -0.90
RUSSELL___2 23532	34.30 0.27 0.00	30.79 0.33 -0.32	27.23 0.32 -0.09	26.62 0.13 -0.01	26.48 0.31 -0.04	27.63 0.33 -0.11	30.10 0.58 -0.34	30.16 0.73 -0.34	28.99 0.48 -0.19	30.12 0.56 -0.21	30.04 0.53 0.00	32.04 0.63 -0.10	34.98 0.84 -0.67	37.00 0.81 -0.81	39.05 1.00 -0.93	44.20 0.84 -1.24	49.97 1.22 -1.66	63.35 0.84 -2.53	68.72 0.72 -2.89	68.88 0.85 -3.00	54.29 0.77 -1.98	49.33 0.98 -1.63	41.76 0.64 -1.19	37.79 1.04 -0.90
RUSSELL___3 23549	34.30 0.27 0.00	30.79 0.33 -0.32	27.23 0.32 -0.09	26.62 0.13 -0.01	26.48 0.31 -0.04	27.63 0.33 -0.11	30.10 0.58 -0.34	30.16 0.73 -0.34	28.99 0.48 -0.19	30.12 0.56 -0.21	30.04 0.53 0.00	32.04 0.63 -0.10	34.98 0.84 -0.67	37.00 0.81 -0.81	39.05 1.00 -0.93	44.20 0.84 -1.24	49.97 1.22 -1.66	63.35 0.84 -2.53	68.72 0.72 -2.89	68.88 0.85 -3.00	54.29 0.77 -1.98	49.33 0.98 -1.63	41.76 0.64 -1.19	37.79 1.04 -0.90
RUSSELL___4 23556	34.30 0.27 0.00	30.79 0.33 -0.32	27.23 0.32 -0.09	26.62 0.13 -0.01	26.48 0.31 -0.04	27.63 0.33 -0.11	30.10 0.58 -0.34	30.16 0.73 -0.34	28.99 0.48 -0.19	30.12 0.56 -0.21	30.04 0.53 0.00	32.04 0.63 -0.10	34.98 0.84 -0.67	37.00 0.81 -0.81	39.05 1.00 -0.93	44.20 0.84 -1.24	49.97 1.22 -1.66	63.35 0.84 -2.53	68.72 0.72 -2.89	68.88 0.85 -3.00	54.29 0.77 -1.98	49.33 0.98 -1.63	41.76 0.64 -1.19	37.79 1.04 -0.90
RUSSELL___STATION 23914	34.30 0.27 0.00	30.79 0.33 -0.32	27.23 0.32 -0.09	26.62 0.13 -0.01	26.48 0.31 -0.04	27.63 0.33 -0.11	30.10 0.58 -0.34	30.16 0.73 -0.34	28.99 0.48 -0.19	30.12 0.56 -0.21	30.04 0.53 0.00	32.04 0.63 -0.10	34.98 0.84 -0.67	37.00 0.81 -0.81	39.05 1.00 -0.93	44.20 0.84 -1.24	49.97 1.22 -1.66	63.35 0.84 -2.53	68.72 0.72 -2.89	68.88 0.85 -3.00	54.29 0.77 -1.98	49.33 0.98 -1.63	41.76 0.64 -1.19	37.79 1.04 -0.90
S SALMON___HYD 24043	33.99 -0.03 0.00	31.01 -0.03 -0.90	26.98 -0.08 -0.25	26.42 -0.08 -0.02	26.19 -0.05 -0.12	27.45 -0.05 -0.32	30.15 0.03 -0.94	30.06 0.03 -0.93	28.71 -0.14 -0.54	29.70 -0.24 -0.58	29.24 -0.27 0.00	31.31 -0.28 -0.29	35.07 -0.27 -1.87	37.34 -0.28 -2.24	39.44 -0.26 -2.58	45.48 -0.08 -3.44	51.75 0.05 -4.62	67.18 0.18 -7.02	73.66 0.52 -8.02	73.94 0.58 -8.32	57.44 0.41 -5.49	51.66 0.42 -4.52	43.86 0.20 -3.72	38.84 0.18 -2.82
S.PERRY__115KV_TB1 80734	35.15 1.12 0.00	31.57 1.05 -0.37	27.86 0.94 -0.10	27.20 0.71 -0.01	27.12 0.94 -0.05	28.33 1.01 -0.13	30.94 1.37 -0.39	30.97 1.48 -0.39	29.53 0.99 -0.22	30.48 0.88 -0.24	30.25 0.74 0.00	32.24 0.81 -0.12	35.25 1.00 -0.77	37.40 1.10 -0.92	39.52 1.34 -1.07	44.85 1.31 -1.42	50.87 1.88 -1.91	65.10 2.22 -2.90	71.29 2.87 -3.31	71.66 3.19 -3.44	56.38 2.58 -2.27	50.97 2.38 -1.86	43.06 1.76 -1.36	39.07 2.19 -1.04
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.79 -0.24 0.00	30.56 0.09 -0.33	27.09 0.19 -0.09	26.33 -0.16 -0.01	26.38 0.21 -0.04	27.53 0.22 -0.12	30.14 0.61 -0.35	30.17 0.73 -0.35	29.05 0.54 -0.20	30.19 0.62 -0.22	30.07 0.56 0.00	32.01 0.59 -0.11	34.97 0.80 -0.69	36.99 0.78 -0.83	39.11 1.04 -0.96	43.86 0.46 -1.28	48.93 0.14 -1.71	61.26 -1.32 -2.60	66.27 -1.82 -2.97	66.30 -1.82 -3.08	52.54 -1.03 -2.03	48.12 -0.28 -1.67	40.88 -0.28 -1.22	37.81 1.04 -0.93

SAWYER___23_KV_LOAD 55526	33.79 -0.24 0.00	30.56 0.09 -0.33	27.09 0.19 -0.09	26.33 -0.16 -0.01	26.38 0.21 -0.04	27.53 0.22 -0.12	30.14 0.61 -0.35	30.17 0.73 -0.35	29.05 0.54 -0.20	30.19 0.62 -0.22	30.07 0.56 0.00	32.01 0.59 -0.11	34.97 0.80 -0.69	36.99 0.78 -0.83	39.11 1.04 -0.96	43.86 0.46 -1.28	48.93 0.14 -1.71	61.26 -1.32 -2.60	66.27 -1.82 -2.97	66.30 -1.82 -3.08	52.54 -1.03 -2.03	48.12 -0.28 -1.67	40.88 -0.28 -1.22	37.81 1.04 -0.93
SELKIRK___I 23801	33.79 -0.24 0.00	29.88 -0.24 0.02	26.66 -0.16 0.00	26.42 -0.05 0.00	26.03 -0.10 0.00	27.06 -0.14 0.00	28.94 -0.23 0.00	28.75 -0.35 0.00	27.83 -0.48 0.00	28.74 -0.62 0.00	28.86 -0.65 0.00	30.59 -0.66 0.06	32.62 -0.70 0.15	34.44 -0.74 0.20	36.10 -0.78 0.23	40.99 -0.76 0.37	45.67 -0.90 0.52	58.89 -1.02 0.07	64.14 -0.91 0.06	64.13 -0.91 0.00	50.71 -0.83 0.00	45.89 -0.84 0.00	39.16 -0.56 0.22	35.20 -0.57 0.07
SELKIRK___II 23799	33.92 -0.10 0.00	30.00 -0.12 0.02	26.76 -0.05 0.00	26.56 0.08 0.00	26.13 0.00 0.00	27.19 0.00 0.00	29.09 -0.09 0.00	28.92 -0.17 0.00	28.09 -0.23 0.00	29.12 -0.24 0.00	29.24 -0.27 0.00	30.99 -0.25 0.07	33.03 -0.27 0.17	34.87 -0.28 0.23	36.51 -0.33 0.27	41.35 -0.34 0.43	45.87 -0.61 0.60	59.06 -0.84 0.08	64.20 -0.85 0.07	64.19 -0.85 0.00	50.77 -0.77 0.00	45.93 -0.79 0.00	39.25 -0.44 0.25	35.30 -0.47 0.08
SENECA OSWGO___HYD 24041	33.86 -0.17 0.00	30.48 -0.15 -0.49	26.82 -0.13 -0.14	26.30 -0.18 -0.01	26.06 -0.13 -0.06	27.23 -0.14 -0.17	29.60 -0.09 -0.51	29.55 -0.06 -0.51	28.44 -0.17 -0.29	29.47 -0.20 -0.32	29.30 -0.21 0.00	31.25 -0.22 -0.16	34.36 -0.13 -1.02	36.42 -0.18 -1.22	38.34 -0.18 -1.41	43.78 -0.21 -1.88	49.50 -0.09 -2.52	63.62 -0.18 -3.82	69.42 -0.07 -4.37	69.51 -0.06 -4.53	54.48 -0.05 -2.99	49.05 -0.14 -2.46	41.62 -0.24 -1.92	37.16 -0.14 -1.46
SENECA___115KV_TB3 355854	33.99 -0.03 0.00	30.69 0.21 -0.34	27.18 0.27 -0.09	26.43 -0.05 -0.01	26.46 0.29 -0.04	27.64 0.33 -0.12	30.26 0.73 -0.36	30.27 0.81 -0.35	29.14 0.62 -0.20	30.28 0.70 -0.22	30.22 0.71 0.00	32.17 0.75 -0.11	35.18 1.00 -0.71	37.22 0.99 -0.85	39.35 1.26 -0.98	44.18 0.76 -1.30	49.34 0.52 -1.74	61.91 -0.72 -2.65	67.10 -1.04 -3.03	67.14 -1.04 -3.14	53.20 -0.41 -2.07	48.48 0.05 -1.71	41.22 0.04 -1.24	38.04 1.25 -0.95
SENECA___ENERGY 23797	34.13 0.10 0.00	30.96 0.15 -0.67	27.11 0.11 -0.19	26.52 0.03 -0.02	26.32 0.10 -0.09	27.57 0.14 -0.24	30.14 0.26 -0.70	30.11 0.32 -0.70	28.86 0.14 -0.40	29.91 0.12 -0.43	29.60 0.09 0.00	31.62 0.09 -0.22	35.10 0.24 -1.40	37.30 0.25 -1.67	39.30 0.26 -1.93	44.90 0.21 -2.57	50.95 0.42 -3.45	65.69 0.48 -5.24	71.88 0.78 -5.99	72.03 0.78 -6.21	56.25 0.62 -4.09	50.51 0.42 -3.37	42.68 0.20 -2.54	38.24 0.46 -1.93
SHOEMAKER___GT 23640	35.22 1.19 0.00	31.13 0.99 0.00	27.70 0.88 0.00	27.43 0.95 0.00	27.02 0.89 0.00	28.06 0.87 0.00	29.99 0.82 0.00	29.88 0.79 0.00	29.05 0.73 0.00	30.24 0.88 0.00	30.45 0.94 0.00	32.44 1.00 -0.13	34.96 1.17 -0.32	37.12 1.31 -0.43	38.87 1.26 -0.49	44.31 1.39 -0.80	49.41 1.22 -1.11	61.51 1.38 -0.15	66.80 1.56 -0.12	66.54 1.50 0.00	52.42 0.88 0.00	47.52 0.79 0.00	41.32 0.92 -0.47	36.74 0.75 -0.14
SHOEMAKR_138KV_BK 111 55601	35.18 1.16 0.00	31.13 0.99 0.00	27.67 0.86 0.00	27.40 0.93 0.00	26.99 0.86 0.00	28.06 0.87 0.00	29.97 0.79 0.00	29.88 0.79 0.00	29.05 0.74 0.00	30.24 0.88 0.00	30.48 0.97 0.00	32.47 1.03 -0.13	35.00 1.21 -0.32	37.11 1.31 -0.42	38.86 1.26 -0.49	44.30 1.39 -0.79	49.40 1.22 -1.10	61.45 1.32 -0.15	66.80 1.56 -0.12	66.53 1.50 0.00	52.42 0.88 0.00	47.47 0.75 0.00	41.28 0.88 -0.46	36.74 0.75 -0.14
SHOREHAM_IC_1 23715	35.35 1.33 0.00	31.22 1.08 0.00	27.67 0.86 0.00	27.30 0.82 0.00	26.91 0.78 0.00	27.85 0.65 0.00	29.62 0.44 0.00	30.00 0.90 0.00	28.91 0.60 0.00	30.29 0.94 0.00	30.99 1.47 -0.01	33.03 1.56 -0.16	35.66 1.81 -0.38	37.90 2.02 -0.51	39.51 1.82 -0.58	44.78 1.73 -0.93	49.45 1.08 -1.29	61.66 1.50 -0.18	66.63 1.37 -0.14	65.30 0.26 0.00	51.64 0.10 0.00	46.39 -0.32 0.01	41.12 0.64 -0.54	36.47 0.46 -0.17
SHOREHAM_IC_2 23716	35.35 1.33 0.00	31.23 1.09 0.00	27.67 0.86 0.00	27.30 0.82 0.00	26.91 0.78 0.00	27.85 0.65 0.00	29.62 0.44 0.00	30.32 1.22 0.00	28.91 0.59 0.00	30.30 0.94 0.00	31.02 1.50 -0.01	33.03 1.57 -0.16	35.70 1.84 -0.38	37.90 2.02 -0.51	39.51 1.82 -0.58	44.78 1.73 -0.93	49.45 1.08 -1.29	61.66 1.50 -0.18	66.82 1.56 -0.14	65.43 0.39 0.00	51.75 0.21 0.00	46.39 -0.33 0.01	41.12 0.64 -0.54	36.47 0.47 -0.17
SISSONVILLE___ 23735	34.33 0.31 0.00	30.55 0.27 -0.14	27.09 0.24 -0.04	26.61 0.13 0.00	26.25 0.10 -0.02	27.40 0.16 -0.05	29.61 0.29 -0.14	29.50 0.26 -0.14	28.74 0.34 -0.08	29.68 0.23 -0.09	29.77 0.27 0.00	31.60 0.25 -0.04	33.76 0.00 -0.29	35.79 0.07 -0.34	37.55 0.04 -0.39	42.85 0.21 -0.53	48.16 0.38 -0.71	61.95 0.90 -1.07	67.38 1.04 -1.23	67.29 0.98 -1.27	53.25 0.88 -0.84	48.58 1.17 -0.69	45.83 1.08 -4.81	40.14 0.86 -3.43
SITHE_IND_GS1 24169	33.21 -0.82 0.00	24.89 -0.72 4.53	24.92 -0.64 1.25	25.69 -0.66 0.12	24.92 -0.63 0.58	24.95 -0.65 1.59	23.75 -0.67 4.76	23.75 -0.64 4.71	24.89 -0.71 2.72	25.70 -0.73 2.93	28.77 -0.74 0.00	29.07 -0.78 1.46	23.27 -0.77 9.43	23.24 -0.85 11.29	23.24 -0.85 13.02	23.74 -1.01 17.37	22.75 -1.04 23.30	23.14 -1.44 35.40	23.22 -1.43 40.46	21.64 -1.43 41.97	22.73 -1.13 27.67	22.88 -1.07 22.77	22.38 -0.96 16.60	22.38 -0.79 12.67
SITHE_IND_GS2 24170	33.21 -0.82 0.00	24.89 -0.72 4.53	24.92 -0.64 1.25	25.69 -0.66 0.12	24.92 -0.63 0.58	24.95 -0.65 1.59	23.75 -0.67 4.76	23.75 -0.64 4.71	24.89 -0.71 2.72	25.70 -0.73 2.93	28.77 -0.74 0.00	29.07 -0.78 1.46	23.27 -0.77 9.43	23.24 -0.85 11.29	23.24 -0.85 13.02	23.74 -1.01 17.37	22.75 -1.04 23.30	23.14 -1.44 35.40	23.22 -1.43 40.46	21.64 -1.43 41.97	22.73 -1.13 27.67	22.88 -1.07 22.77	22.38 -0.96 16.60	22.38 -0.79 12.67
SITHE_IND_GS3 24171	33.21 -0.82 0.00	24.89 -0.72 4.53	24.92 -0.64 1.25	25.69 -0.66 0.12	24.92 -0.63 0.58	24.95 -0.65 1.59	23.75 -0.67 4.76	23.75 -0.64 4.71	24.89 -0.71 2.72	25.70 -0.73 2.93	28.77 -0.74 0.00	29.07 -0.78 1.46	23.27 -0.77 9.43	23.24 -0.85 11.29	23.24 -0.85 13.02	23.74 -1.01 17.37	22.75 -1.04 23.30	23.14 -1.44 35.40	23.22 -1.43 40.46	21.64 -1.43 41.97	22.73 -1.13 27.67	22.88 -1.07 22.77	22.38 -0.96 16.60	22.38 -0.79 12.67
SITHE_IND_GS4 24172	33.21 -0.82 0.00	24.89 -0.72 4.53	24.92 -0.64 1.25	25.69 -0.66 0.12	24.92 -0.63 0.58	24.95 -0.65 1.59	23.75 -0.67 4.76	23.75 -0.64 4.71	24.89 -0.71 2.72	25.70 -0.73 2.93	28.77 -0.74 0.00	29.07 -0.78 1.46	23.27 -0.77 9.43	23.24 -0.85 11.29	23.24 -0.85 13.02	23.74 -1.01 17.37	22.75 -1.04 23.30	23.14 -1.44 35.40	23.22 -1.43 40.46	21.64 -1.43 41.97	22.73 -1.13 27.67	22.88 -1.07 22.77	22.38 -0.96 16.60	22.38 -0.79 12.67

SITHE___BATAVIA 24024	34.64 0.61 0.00	30.98 0.51 -0.33	27.44 0.54 -0.09	26.72 0.24 -0.01	26.72 0.55 -0.04	27.88 0.57 -0.12	30.52 0.99 -0.35	30.61 1.17 -0.35	29.34 0.82 -0.20	30.42 0.85 -0.21	30.45 0.94 0.00	32.23 0.81 -0.11	35.30 1.14 -0.69	37.27 1.06 -0.83	39.44 1.37 -0.95	44.40 1.01 -1.27	49.97 1.18 -1.71	63.00 0.42 -2.60	68.47 0.39 -2.97	68.51 0.39 -3.08	54.29 0.72 -2.03	49.33 0.93 -1.67	41.83 0.68 -1.22	38.39 1.61 -0.93
SITHE___INDEPEND 23800	33.21 -0.82 0.00	24.89 -0.72 4.53	24.92 -0.64 1.25	25.69 -0.66 0.12	24.92 -0.63 0.58	24.95 -0.65 1.59	23.75 -0.67 4.76	23.75 -0.64 4.71	24.89 -0.71 2.72	25.70 -0.73 2.93	28.77 -0.74 0.00	29.07 -0.78 1.46	23.27 -0.77 9.43	23.24 -0.85 11.29	23.24 -0.85 13.02	23.74 -1.01 17.37	22.75 -1.04 23.30	23.14 -1.44 35.40	23.15 -1.50 40.46	21.64 -1.43 41.97	22.68 -1.19 27.67	22.88 -1.07 22.77	22.38 -0.96 16.60	22.38 -0.79 12.67
SITHE___MASSENA 23902	34.23 0.21 0.00	30.32 0.18 0.00	27.00 0.19 0.00	26.53 0.05 0.00	26.18 0.05 0.00	27.30 0.11 0.00	29.38 0.21 0.00	29.30 0.21 0.00	28.63 0.31 0.00	29.62 0.26 0.00	29.80 0.30 0.00	31.62 0.31 0.00	33.57 0.10 0.00	35.56 0.18 0.00	37.26 0.15 0.00	42.33 0.21 0.00	47.46 0.37 0.00	60.82 0.84 0.00	66.03 0.91 0.00	65.82 0.78 0.00	52.26 0.72 0.00	47.57 0.84 0.00	46.91 0.72 -6.25	40.84 0.57 -4.43
SITHE___OGDNSBRG 24021	34.64 0.61 0.00	30.76 0.51 -0.11	27.33 0.48 -0.03	26.85 0.37 0.00	26.48 0.34 -0.01	27.64 0.41 -0.04	29.85 0.55 -0.11	29.73 0.52 -0.11	28.89 0.51 -0.07	29.78 0.35 -0.07	29.89 0.38 0.00	31.72 0.38 -0.03	33.83 0.13 -0.23	35.86 0.21 -0.27	37.69 0.26 -0.31	43.00 0.46 -0.42	48.39 0.75 -0.56	62.45 1.62 -0.85	68.10 2.02 -0.97	68.00 1.95 -1.01	53.85 1.65 -0.66	48.95 1.68 -0.55	46.80 1.40 -5.46	40.88 1.15 -3.89
SITHE___STERLING 23777	34.71 0.68 0.00	31.05 0.60 -0.30	27.38 0.48 -0.08	26.99 0.50 -0.01	26.66 0.50 -0.04	27.82 0.52 -0.11	30.11 0.61 -0.32	30.03 0.61 -0.32	28.89 0.40 -0.18	29.85 0.29 -0.20	29.77 0.26 0.00	31.69 0.28 -0.10	34.44 0.33 -0.63	36.46 0.32 -0.76	38.43 0.45 -0.87	44.04 0.76 -1.16	49.68 1.03 -1.56	63.91 1.56 -2.37	69.85 2.02 -2.71	69.93 2.08 -2.82	55.00 1.60 -1.86	49.52 1.26 -1.53	42.27 0.96 -1.37	37.73 0.86 -1.03
SLEIGHT__34_KV_TB1 80719	33.89 -0.14 0.00	30.51 -0.06 -0.43	26.88 -0.05 -0.12	26.30 -0.19 -0.01	26.16 -0.03 -0.06	27.32 -0.03 -0.15	29.78 0.15 -0.46	29.78 0.23 -0.45	28.63 0.06 -0.26	29.70 0.06 -0.28	29.54 0.03 0.00	31.54 0.09 -0.14	34.61 0.23 -0.91	36.68 0.21 -1.08	38.70 0.33 -1.25	44.00 0.21 -1.67	49.79 0.47 -2.24	63.68 0.30 -3.40	69.32 0.33 -3.88	69.52 0.46 -4.03	54.50 0.31 -2.66	49.24 0.33 -2.19	41.65 0.12 -1.59	37.42 0.36 -1.22
SMITHTWN_69_KV_BK 1 55830	35.79 1.77 0.00	31.62 1.48 0.00	28.05 1.23 0.00	27.64 1.16 0.00	27.25 1.12 0.00	28.23 1.03 0.00	30.05 0.88 0.00	30.49 1.40 0.00	29.33 1.02 0.00	30.74 1.38 0.00	31.44 1.92 -0.01	33.50 2.04 -0.16	36.20 2.34 -0.38	38.40 2.51 -0.51	40.11 2.41 -0.58	45.24 2.19 -0.93	50.02 1.65 -1.29	62.38 2.22 -0.18	67.34 2.08 -0.14	66.01 0.98 0.00	52.36 0.82 0.00	47.00 0.28 0.01	41.72 1.24 -0.54	37.05 1.04 -0.17
SOUTH CAIRO___GT 23612	35.11 1.09 0.00	31.05 0.93 0.02	27.67 0.86 0.00	27.43 0.95 0.00	27.02 0.89 0.00	28.06 0.87 0.00	30.08 0.90 0.00	29.77 0.67 0.00	28.74 0.42 0.00	29.59 0.23 0.00	29.60 0.09 0.00	31.67 0.41 0.04	33.87 0.50 0.11	35.77 0.53 0.14	37.58 0.63 0.16	43.03 1.18 0.27	48.40 1.69 0.37	62.75 2.82 0.05	68.59 3.52 0.04	68.03 2.99 0.00	53.55 2.01 0.00	48.17 1.45 0.00	41.30 1.52 0.16	36.90 1.11 0.05
SOUTH HAMPTN___IC 23720	35.90 1.87 0.00	31.71 1.57 0.00	28.13 1.31 0.00	27.72 1.24 0.00	27.33 1.20 0.00	28.28 1.09 0.00	30.11 0.93 0.00	30.44 1.34 0.00	29.39 1.08 0.00	30.79 1.44 0.00	31.53 2.01 -0.01	33.60 2.13 -0.16	36.30 2.44 -0.38	38.57 2.69 -0.51	40.22 2.53 -0.58	45.62 2.57 -0.93	50.39 2.02 -1.29	62.79 2.64 -0.18	67.80 2.54 -0.14	66.34 1.30 0.00	52.47 0.93 0.00	47.05 0.33 0.01	41.68 1.20 -0.54	36.98 0.97 -0.17
SOUTHDOW_115KV_TB1 355954	34.40 0.37 0.00	31.06 0.57 -0.34	27.42 0.51 -0.09	26.67 0.19 -0.01	26.72 0.55 -0.04	27.97 0.65 -0.12	30.68 1.14 -0.36	30.79 1.34 -0.36	29.68 1.16 -0.21	30.99 1.41 -0.22	31.01 1.50 0.00	33.08 1.66 -0.11	36.13 1.94 -0.72	38.22 1.98 -0.86	40.40 2.30 -0.99	45.42 1.98 -1.32	50.87 2.02 -1.77	64.23 1.56 -2.69	69.88 1.69 -3.07	69.85 1.63 -3.18	55.29 1.65 -2.10	49.72 1.26 -1.73	42.32 1.12 -1.26	38.88 2.08 -0.96
SOUTHOLD_69_KV_BK 2 55809	36.47 2.45 0.00	32.22 2.08 0.00	28.58 1.77 0.00	28.17 1.69 0.00	27.80 1.67 0.00	28.74 1.55 0.00	30.58 1.40 0.00	31.22 2.12 0.00	29.84 1.53 0.00	31.29 1.94 0.00	32.11 2.60 -0.01	34.19 2.72 -0.16	36.97 3.11 -0.38	39.28 3.40 -0.51	40.96 3.27 -0.58	46.50 3.45 -0.93	51.34 2.97 -1.29	63.94 3.78 -0.18	69.17 3.91 -0.14	67.51 2.47 0.00	53.29 1.75 0.00	47.65 0.93 0.01	42.12 1.64 -0.54	37.41 1.40 -0.17
SOUTHOLD___IC 23719	36.48 2.45 0.00	32.22 2.08 0.00	28.58 1.77 0.00	28.17 1.70 0.00	27.80 1.67 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.93 1.83 0.00	29.84 1.53 0.00	31.29 1.94 0.00	32.08 2.57 -0.01	34.19 2.72 -0.16	36.97 3.11 -0.38	39.28 3.40 -0.51	40.96 3.27 -0.58	46.50 3.45 -0.93	51.34 2.97 -1.29	63.94 3.78 -0.18	69.03 3.78 -0.14	67.38 2.34 0.00	53.24 1.70 0.00	47.60 0.89 0.01	42.12 1.64 -0.54	37.40 1.40 -0.17
SOUTH_FORK_WT_PWR 323839	36.51 2.48 0.00	32.28 2.14 0.00	28.64 1.82 0.00	28.25 1.77 0.00	27.85 1.72 0.00	28.82 1.63 0.00	30.64 1.46 0.00	30.96 1.86 0.00	29.87 1.56 0.00	31.29 1.94 0.00	32.12 2.60 -0.01	34.22 2.76 -0.16	36.97 3.11 -0.38	39.32 3.43 -0.51	41.00 3.30 -0.58	46.54 3.49 -0.93	51.34 2.97 -1.29	63.88 3.72 -0.18	68.84 3.58 -0.14	67.25 2.21 0.00	53.08 1.54 0.00	47.46 0.75 0.01	41.96 1.48 -0.54	37.33 1.33 -0.17
SPIERFLS_115KV_TB 1 80737	34.88 0.85 0.00	31.04 0.87 -0.03	27.57 0.75 0.00	27.35 0.87 0.00	26.97 0.84 0.00	28.01 0.82 0.00	30.05 0.88 0.00	29.91 0.81 0.00	28.85 0.54 0.00	29.71 0.35 0.00	29.77 0.27 0.00	31.44 0.25 0.12	33.40 0.23 0.30	35.05 0.07 0.40	36.91 0.26 0.46	41.95 0.59 0.76	46.88 0.85 1.05	61.45 1.62 0.14	67.41 2.41 0.12	67.45 2.41 0.00	53.24 1.70 0.00	48.13 1.40 0.00	40.61 1.12 0.44	36.53 0.82 0.14
ST LAWRENCE____ 23600	33.92 -0.10 0.00	30.05 -0.09 0.00	26.73 -0.08 0.00	26.32 -0.16 0.00	25.97 -0.16 0.00	27.06 -0.14 0.00	29.06 -0.12 0.00	29.01 -0.09 0.00	28.34 0.03 0.00	29.39 0.03 0.00	29.54 0.03 0.00	31.34 0.03 0.00	33.41 -0.07 0.00	35.31 -0.07 0.00	37.04 -0.07 0.00	42.03 -0.08 0.00	47.08 0.00 0.00	60.22 0.24 0.00	65.31 0.20 0.00	65.17 0.13 0.00	51.75 0.21 0.00	47.01 0.28 0.00	39.60 0.20 0.54	35.61 0.14 0.38

STATE_CA_115KV_115_LB 55624	34.23 0.20 0.00	30.26 0.15 0.03	27.03 0.21 0.00	26.85 0.37 0.00	26.42 0.29 0.00	27.47 0.27 0.00	29.38 0.20 0.00	29.21 0.12 0.00	28.34 0.03 0.00	29.36 0.00 0.00	29.51 0.00 0.00	31.20 0.00 0.10	33.24 0.03 0.26	35.00 -0.04 0.35	36.68 -0.04 0.40	41.51 0.04 0.65	46.08 -0.09 0.90	59.74 -0.12 0.12	65.08 0.07 0.10	65.10 0.07 0.00	51.49 -0.05 0.00	46.49 -0.23 0.00	39.48 -0.08 0.38	35.58 -0.14 0.12
STATE_ST_34_KV_LOAD 55959	34.23 0.20 0.00	31.04 0.18 -0.72	27.15 0.13 -0.20	26.57 0.08 -0.02	26.38 0.16 -0.09	27.61 0.16 -0.25	30.20 0.26 -0.76	30.17 0.32 -0.75	28.89 0.14 -0.43	29.94 0.12 -0.47	29.60 0.09 0.00	31.67 0.13 -0.23	35.22 0.23 -1.51	37.47 0.28 -1.81	39.53 0.33 -2.08	45.23 0.34 -2.78	51.37 0.56 -3.73	66.42 0.78 -5.66	72.63 1.04 -6.47	72.86 1.11 -6.71	56.74 0.77 -4.43	50.98 0.61 -3.64	43.04 0.36 -2.74	38.36 0.43 -2.09
STATION_5_MISC_HYD 23604	34.16 0.14 0.00	30.68 0.21 -0.32	27.12 0.21 -0.09	26.54 0.05 -0.01	26.41 0.23 -0.04	27.55 0.24 -0.11	29.98 0.47 -0.34	30.05 0.61 -0.34	28.90 0.40 -0.19	30.01 0.44 -0.21	29.98 0.47 0.00	31.88 0.47 -0.10	34.85 0.70 -0.67	36.86 0.67 -0.81	38.86 0.82 -0.93	43.99 0.63 -1.24	49.64 0.89 -1.66	62.98 0.48 -2.53	68.46 0.46 -2.89	68.49 0.46 -3.00	54.08 0.57 -1.98	49.05 0.70 -1.63	41.52 0.40 -1.19	37.60 0.86 -0.90
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.03 0.00 0.00	30.61 0.09 -0.38	27.00 0.08 -0.10	26.41 -0.08 -0.01	26.26 0.08 -0.05	27.43 0.11 -0.13	29.86 0.29 -0.40	29.90 0.41 -0.39	28.71 0.17 -0.23	29.78 0.18 -0.24	29.66 0.15 0.00	31.62 0.19 -0.12	34.59 0.33 -0.78	36.67 0.35 -0.94	38.61 0.41 -1.08	43.86 0.29 -1.44	49.63 0.61 -1.94	63.34 0.42 -2.94	69.00 0.52 -3.37	69.18 0.65 -3.49	54.30 0.46 -2.30	49.09 0.47 -1.89	41.52 0.20 -1.38	37.47 0.57 -1.05
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.96 -0.07 0.00	30.47 0.00 -0.33	26.93 0.03 -0.09	26.35 -0.13 -0.01	26.22 0.05 -0.04	27.36 0.05 -0.12	29.79 0.26 -0.35	29.85 0.41 -0.34	28.71 0.20 -0.20	29.80 0.23 -0.21	29.72 0.21 0.00	31.70 0.28 -0.11	34.60 0.44 -0.69	36.63 0.42 -0.83	38.62 0.56 -0.95	43.77 0.38 -1.27	49.40 0.61 -1.70	62.75 0.18 -2.59	68.14 0.07 -2.96	68.30 0.20 -3.07	53.77 0.21 -2.02	48.77 0.37 -1.67	41.31 0.16 -1.21	37.34 0.57 -0.93
STA_56___34_KV_BUS2 355983	33.96 -0.07 0.00	30.47 0.00 -0.33	26.93 0.03 -0.09	26.35 -0.13 -0.01	26.22 0.05 -0.04	27.36 0.05 -0.12	29.79 0.26 -0.35	29.85 0.41 -0.34	28.71 0.20 -0.20	29.80 0.23 -0.21	29.72 0.21 0.00	31.70 0.28 -0.11	34.60 0.44 -0.69	36.63 0.42 -0.83	38.62 0.56 -0.95	43.77 0.38 -1.27	49.40 0.61 -1.70	62.75 0.18 -2.59	68.14 0.07 -2.96	68.30 0.20 -3.07	53.77 0.21 -2.02	48.77 0.37 -1.67	41.31 0.16 -1.21	37.34 0.57 -0.93
STA_67___115KV_BK2 355882	34.09 0.07 0.00	30.61 0.15 -0.32	27.06 0.16 -0.09	26.48 0.00 -0.01	26.35 0.18 -0.04	27.50 0.19 -0.11	29.92 0.41 -0.34	29.99 0.55 -0.33	28.85 0.34 -0.19	29.95 0.38 -0.21	29.86 0.35 0.00	31.82 0.41 -0.10	34.75 0.60 -0.67	36.79 0.60 -0.80	38.78 0.74 -0.93	43.90 0.55 -1.24	49.49 0.75 -1.66	62.86 0.36 -2.52	68.19 0.20 -2.88	68.35 0.33 -2.99	53.82 0.31 -1.97	48.91 0.56 -1.62	41.44 0.32 -1.18	37.50 0.75 -0.90
STA_7___115KV_9TRANS 80674	34.30 0.27 0.00	30.79 0.33 -0.32	27.23 0.32 -0.09	26.62 0.13 -0.01	26.48 0.31 -0.04	27.63 0.33 -0.11	30.10 0.58 -0.34	30.16 0.73 -0.34	28.99 0.48 -0.19	30.12 0.56 -0.21	30.04 0.53 0.00	32.04 0.63 -0.10	34.98 0.84 -0.67	37.00 0.81 -0.81	39.05 1.00 -0.93	44.20 0.84 -1.24	49.97 1.22 -1.66	63.35 0.84 -2.53	68.72 0.72 -2.89	68.88 0.85 -3.00	54.29 0.77 -1.98	49.33 0.98 -1.63	41.76 0.64 -1.19	37.79 1.04 -0.90
STA_82___115KV_TB1 80780	34.09 0.07 0.00	30.62 0.15 -0.33	27.09 0.19 -0.09	26.48 0.00 -0.01	26.35 0.18 -0.04	27.50 0.19 -0.12	29.93 0.41 -0.34	29.99 0.55 -0.34	28.85 0.34 -0.20	29.95 0.38 -0.21	29.86 0.35 0.00	31.85 0.44 -0.11	34.76 0.60 -0.68	36.80 0.60 -0.82	38.80 0.74 -0.94	43.92 0.55 -1.26	49.57 0.80 -1.69	62.90 0.36 -2.57	68.24 0.20 -2.93	68.40 0.33 -3.04	53.91 0.36 -2.01	48.94 0.56 -1.65	41.46 0.32 -1.20	37.55 0.79 -0.92
STEEL___WIND 323596	33.96 -0.07 0.00	30.66 0.18 -0.34	27.18 0.27 -0.09	26.43 -0.05 -0.01	26.46 0.29 -0.04	27.61 0.30 -0.12	30.23 0.70 -0.36	30.24 0.79 -0.35	29.14 0.62 -0.20	30.28 0.70 -0.22	30.33 0.83 0.00	32.14 0.72 -0.11	35.22 1.04 -0.71	37.18 0.96 -0.85	39.31 1.22 -0.98	44.13 0.72 -1.30	49.30 0.47 -1.74	61.85 -0.78 -2.65	67.23 -0.91 -3.03	67.08 -1.11 -3.14	53.36 -0.26 -2.07	48.43 0.00 -1.71	41.18 0.00 -1.24	38.04 1.25 -0.95
STEPHTWN_115KV_BK_2 55603	34.33 0.31 0.00	30.37 0.27 0.04	27.14 0.32 0.00	26.93 0.45 0.00	26.50 0.37 0.00	27.55 0.35 0.00	29.50 0.32 0.00	29.33 0.23 0.00	28.43 0.11 0.00	29.44 0.09 0.00	29.60 0.09 0.00	31.30 0.09 0.10	33.32 0.10 0.25	35.12 0.07 0.33	36.81 0.07 0.38	41.66 0.17 0.62	46.31 0.09 0.86	60.10 0.24 0.12	65.47 0.46 0.10	65.49 0.46 0.00	51.75 0.21 0.00	46.73 0.00 0.00	39.70 0.12 0.36	35.69 -0.04 0.11
STEUBEN_REC_LFGE 323667	34.37 0.34 0.00	31.02 0.45 -0.43	27.31 0.38 -0.12	26.59 0.11 -0.01	26.55 0.37 -0.05	27.75 0.41 -0.15	30.33 0.70 -0.45	30.33 0.79 -0.44	29.14 0.57 -0.26	30.13 0.50 -0.28	29.98 0.47 0.00	32.01 0.56 -0.14	35.10 0.74 -0.89	37.22 0.78 -1.06	39.23 0.89 -1.22	44.38 0.63 -1.63	50.17 0.89 -2.19	64.15 0.84 -3.33	70.35 1.43 -3.81	70.61 1.63 -3.95	55.59 1.44 -2.60	50.22 1.36 -2.14	42.46 0.96 -1.56	38.65 1.61 -1.19
STILLWATER___SOLAR 323814	35.22 1.19 0.00	31.26 1.08 -0.04	27.75 0.94 0.00	27.56 1.09 0.00	27.15 1.02 0.00	28.23 1.03 0.00	30.26 1.08 0.00	30.09 0.99 0.00	29.08 0.76 0.00	29.97 0.62 0.00	30.01 0.50 0.00	31.71 0.53 0.13	33.67 0.53 0.34	35.46 0.53 0.45	37.26 0.67 0.52	42.24 0.97 0.85	47.08 1.18 1.17	61.62 1.80 0.16	67.39 2.41 0.13	67.45 2.41 0.00	53.34 1.80 0.00	48.18 1.45 0.00	40.68 1.24 0.49	36.69 1.00 0.15
STONY___BROOK 24151	35.79 1.77 0.00	31.62 1.48 0.00	28.02 1.21 0.00	27.64 1.16 0.00	27.25 1.12 0.00	28.20 1.01 0.00	30.02 0.85 0.00	30.26 1.17 0.00	29.31 0.99 0.00	30.71 1.35 0.00	31.41 1.89 -0.01	33.47 2.01 -0.16	36.13 2.28 -0.38	38.40 2.51 -0.51	40.07 2.38 -0.58	45.24 2.19 -0.93	50.06 1.69 -1.29	62.38 2.22 -0.18	67.08 1.82 -0.14	65.76 0.72 0.00	52.26 0.72 0.00	47.00 0.28 0.01	41.68 1.20 -0.54	37.01 1.00 -0.17
STURGEON_POOL_HYD 23609	35.59 1.57 0.00	31.43 1.30 0.00	27.94 1.13 0.00	27.67 1.19 0.00	27.25 1.12 0.00	28.31 1.11 0.00	30.23 1.05 0.00	30.12 1.02 0.00	29.31 0.99 0.00	30.56 1.20 0.00	30.81 1.30 0.00	32.89 1.50 -0.08	35.40 1.74 -0.19	37.55 1.91 -0.25	39.30 1.89 -0.29	44.70 2.11 -0.48	49.76 2.02 -0.66	62.35 2.28 -0.09	67.79 2.60 -0.07	67.25 2.21 0.00	52.93 1.39 0.00	47.94 1.21 0.00	41.65 1.44 -0.28	37.15 1.22 -0.09

ST_LAW_115_BK7_LBMP 345037	33.92 -0.10 0.00	30.05 -0.09 0.00	26.73 -0.08 0.00	26.29 -0.18 0.00	25.97 -0.16 0.00	27.06 -0.14 0.00	29.06 -0.12 0.00	28.98 -0.12 0.00	28.34 0.03 0.00	29.39 0.03 0.00	29.54 0.03 0.00	31.34 0.03 0.00	33.37 -0.10 0.00	35.31 -0.07 0.00	37.00 -0.11 0.00	42.03 -0.08 0.00	47.08 0.00 0.00	60.22 0.24 0.00	65.31 0.20 0.00	65.17 0.13 0.00	51.75 0.21 0.00	47.01 0.28 0.00	39.52 0.24 0.66	35.52 0.14 0.47
ST_LAW_115_BK8_LBMP 345038	33.92 -0.10 0.00	30.05 -0.09 0.00	26.73 -0.08 0.00	26.29 -0.18 0.00	25.97 -0.16 0.00	27.06 -0.14 0.00	29.06 -0.12 0.00	28.98 -0.12 0.00	28.34 0.03 0.00	29.39 0.03 0.00	29.54 0.03 0.00	31.34 0.03 0.00	33.37 -0.10 0.00	35.31 -0.07 0.00	37.00 -0.11 0.00	42.03 -0.08 0.00	47.08 0.00 0.00	60.22 0.24 0.00	65.31 0.20 0.00	65.17 0.13 0.00	51.75 0.21 0.00	47.01 0.28 0.00	39.52 0.24 0.66	35.52 0.14 0.47
ST_LAW_230_BK5_LBMP 345035	33.92 -0.10 0.00	30.05 -0.09 0.00	26.73 -0.08 0.00	26.32 -0.16 0.00	25.97 -0.16 0.00	27.06 -0.14 0.00	29.06 -0.12 0.00	29.01 -0.09 0.00	28.34 0.03 0.00	29.39 0.03 0.00	29.54 0.03 0.00	31.34 0.03 0.00	33.41 -0.07 0.00	35.31 -0.07 0.00	37.04 -0.07 0.00	42.03 -0.08 0.00	47.08 0.00 0.00	60.22 0.24 0.00	65.31 0.20 0.00	65.17 0.13 0.00	51.75 0.21 0.00	47.01 0.28 0.00	39.75 0.20 0.39	35.71 0.14 0.27
ST_LAW_230_BK6_LBMP 345036	33.92 -0.10 0.00	30.05 -0.09 0.00	26.73 -0.08 0.00	26.32 -0.16 0.00	25.97 -0.16 0.00	27.06 -0.14 0.00	29.06 -0.12 0.00	29.01 -0.09 0.00	28.34 0.03 0.00	29.39 0.03 0.00	29.54 0.03 0.00	31.34 0.03 0.00	33.41 -0.07 0.00	35.31 -0.07 0.00	37.04 -0.07 0.00	42.03 -0.08 0.00	47.08 0.00 0.00	60.22 0.24 0.00	65.31 0.20 0.00	65.17 0.13 0.00	51.75 0.21 0.00	47.01 0.28 0.00	39.75 0.20 0.39	35.71 0.14 0.27
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.32 1.29 0.00	31.19 1.05 0.00	27.75 0.94 0.00	27.48 1.01 0.00	27.07 0.94 0.00	28.15 0.95 0.00	30.02 0.85 0.00	29.97 0.87 0.00	29.16 0.85 0.00	30.38 1.03 0.00	30.63 1.12 0.00	32.63 1.19 -0.13	35.17 1.37 -0.33	37.34 1.52 -0.44	39.10 1.48 -0.50	44.50 1.56 -0.82	49.63 1.41 -1.14	61.64 1.50 -0.16	67.00 1.76 -0.13	66.66 1.63 0.00	52.52 0.98 0.00	47.57 0.84 0.00	41.38 0.96 -0.48	36.81 0.82 -0.15
SWANROAD_115KV_TB1 355699	33.79 -0.24 0.00	30.11 -0.36 -0.33	26.72 -0.19 -0.09	25.93 -0.56 -0.01	26.02 -0.16 -0.04	27.15 -0.16 -0.12	29.73 0.20 -0.35	29.79 0.35 -0.35	28.66 0.14 -0.20	29.75 0.18 -0.21	29.66 0.15 0.00	31.51 0.09 -0.11	34.43 0.27 -0.69	36.42 0.21 -0.83	38.52 0.45 -0.96	43.14 -0.25 -1.28	48.04 -0.75 -1.71	60.00 -2.58 -2.60	64.83 -3.26 -2.97	64.93 -3.19 -3.08	51.46 -2.11 -2.03	47.28 -1.12 -1.67	40.24 -0.92 -1.22	37.24 0.47 -0.93
SYNERGY___BIOGAS 323694	34.64 0.61 0.00	30.98 0.51 -0.33	27.44 0.54 -0.09	26.72 0.24 -0.01	26.72 0.55 -0.04	27.88 0.57 -0.12	30.52 0.99 -0.35	30.61 1.16 -0.35	29.34 0.82 -0.20	30.42 0.85 -0.21	30.28 0.77 0.00	32.23 0.81 -0.11	35.24 1.07 -0.69	37.31 1.10 -0.83	39.44 1.37 -0.95	44.40 1.01 -1.27	49.97 1.18 -1.71	62.94 0.36 -2.60	68.28 0.20 -2.97	68.51 0.39 -3.08	54.08 0.52 -2.03	49.33 0.93 -1.67	41.83 0.68 -1.22	38.38 1.61 -0.93
SYRACUSE___ENERGY_ST1 323597	34.03 0.00 0.00	30.98 0.03 -0.81	27.04 0.00 -0.22	26.44 -0.05 -0.02	26.23 0.00 -0.10	27.50 0.03 -0.28	30.09 0.06 -0.85	30.03 0.09 -0.84	28.77 -0.03 -0.49	29.85 -0.03 -0.52	29.45 -0.06 0.00	31.54 -0.03 -0.26	35.23 0.07 -1.69	37.43 0.04 -2.02	39.52 0.07 -2.33	45.26 0.04 -3.10	51.43 0.19 -4.16	66.55 0.24 -6.33	72.74 0.39 -7.23	72.93 0.39 -7.50	56.74 0.26 -4.95	50.98 0.19 -4.07	43.05 0.04 -3.07	38.29 0.11 -2.34
SYRACUSE___ENERGY_ST2 323598	34.03 0.00 0.00	30.98 0.03 -0.81	27.04 0.00 -0.22	26.44 -0.05 -0.02	26.23 0.00 -0.10	27.50 0.03 -0.28	30.09 0.06 -0.85	30.03 0.09 -0.84	28.77 -0.03 -0.49	29.85 -0.03 -0.52	29.45 -0.06 0.00	31.54 -0.03 -0.26	35.23 0.07 -1.69	37.43 0.04 -2.02	39.52 0.07 -2.33	45.26 0.04 -3.10	51.43 0.19 -4.16	66.55 0.24 -6.33	72.74 0.39 -7.23	72.93 0.39 -7.50	56.74 0.26 -4.95	50.98 0.19 -4.07	43.05 0.04 -3.07	38.29 0.11 -2.34
SYRACUSE___POWER 24017	34.03 0.00 0.00	30.79 0.03 -0.62	26.99 0.00 -0.17	26.47 -0.03 -0.02	26.21 0.00 -0.08	27.44 0.03 -0.22	29.89 0.06 -0.65	29.83 0.09 -0.65	28.66 -0.03 -0.37	29.70 -0.06 -0.40	29.45 -0.06 0.00	31.48 -0.03 -0.20	34.80 0.03 -1.30	36.93 0.00 -1.55	38.90 0.00 -1.79	44.50 0.00 -2.38	50.42 0.14 -3.20	65.02 0.18 -4.86	71.00 0.33 -5.56	71.19 0.39 -5.76	55.55 0.21 -3.80	49.99 0.14 -3.13	42.34 0.00 -2.40	37.70 0.04 -1.83
TALLMAN_138KV_BK151 55660	35.45 1.43 0.00	31.35 1.21 0.00	27.86 1.05 0.00	27.59 1.11 0.00	27.20 1.07 0.00	28.23 1.03 0.00	30.14 0.96 0.00	30.09 0.99 0.00	29.31 0.99 0.00	30.56 1.20 0.00	30.84 1.33 0.00	32.85 1.41 -0.14	35.43 1.61 -0.35	37.61 1.77 -0.46	39.35 1.71 -0.53	44.79 1.81 -0.86	49.88 1.60 -1.20	61.82 1.68 -0.16	67.20 1.95 -0.13	66.86 1.82 0.00	52.67 1.13 0.00	47.66 0.93 0.00	41.52 1.08 -0.50	36.96 0.97 -0.15
TEALLAVE_115KV_TB7 355573	33.92 -0.10 0.00	30.61 -0.09 -0.56	26.89 -0.08 -0.16	26.36 -0.13 -0.01	26.12 -0.08 -0.07	27.31 -0.08 -0.20	29.74 -0.03 -0.59	29.68 0.00 -0.58	28.54 -0.11 -0.34	29.57 -0.15 -0.36	29.36 -0.15 0.00	31.36 -0.13 -0.18	34.61 -0.03 -1.17	36.67 -0.11 -1.40	38.62 -0.11 -1.61	44.10 -0.17 -2.15	49.87 -0.09 -2.89	64.19 -0.18 -4.39	70.06 -0.07 -5.01	70.17 -0.07 -5.20	54.87 -0.10 -3.43	49.41 -0.14 -2.82	41.93 -0.20 -2.19	37.40 -0.11 -1.66
TELGRAPH_34_KV_EAST 80808	34.23 0.20 0.00	30.65 0.18 -0.33	27.15 0.24 -0.09	26.41 -0.08 -0.01	26.43 0.26 -0.04	27.61 0.30 -0.12	30.20 0.67 -0.35	30.29 0.84 -0.35	29.08 0.57 -0.20	30.19 0.62 -0.21	30.07 0.56 0.00	32.01 0.59 -0.11	34.97 0.80 -0.69	36.99 0.78 -0.83	39.15 1.08 -0.96	43.94 0.55 -1.28	49.17 0.38 -1.71	61.74 -0.84 -2.60	66.85 -1.24 -2.97	66.95 -1.17 -3.08	53.00 -0.57 -2.03	48.49 0.09 -1.67	41.16 0.00 -1.22	37.92 1.15 -0.93
TEMPLE___115KV_TB 2 55572	33.92 -0.10 0.00	30.64 -0.06 -0.56	26.89 -0.08 -0.16	26.38 -0.11 -0.01	26.15 -0.05 -0.07	27.34 -0.05 -0.20	29.74 -0.03 -0.59	29.68 0.00 -0.58	28.54 -0.11 -0.34	29.60 -0.12 -0.36	29.39 -0.12 0.00	31.40 -0.09 -0.18	34.61 -0.03 -1.17	36.71 -0.07 -1.40	38.62 -0.11 -1.62	44.15 -0.13 -2.16	49.93 -0.05 -2.89	64.26 -0.12 -4.40	70.08 -0.07 -5.03	70.25 0.00 -5.21	54.93 -0.05 -3.44	49.46 -0.09 -2.83	41.93 -0.20 -2.19	37.43 -0.07 -1.66
TIANA___69_KV_BK 1 55817	35.79 1.77 0.00	31.59 1.45 0.00	28.02 1.21 0.00	27.61 1.14 0.00	27.25 1.12 0.00	28.20 1.01 0.00	29.99 0.82 0.00	30.61 1.51 0.00	29.28 0.96 0.00	30.68 1.32 0.00	31.44 1.92 -0.01	33.47 2.00 -0.16	36.16 2.31 -0.38	38.43 2.55 -0.51	40.07 2.38 -0.58	45.45 2.40 -0.93	50.21 1.84 -1.29	62.56 2.40 -0.18	67.73 2.47 -0.14	66.27 1.24 0.00	52.42 0.88 0.00	46.95 0.23 0.01	41.60 1.12 -0.54	36.90 0.90 -0.17

TILDEN___115KV_TB1 80814	34.03 0.00 0.00	30.79 0.03 -0.62	26.99 0.00 -0.17	26.47 -0.03 -0.02	26.21 0.00 -0.08	27.44 0.03 -0.22	29.89 0.06 -0.65	29.83 0.09 -0.65	28.66 -0.03 -0.37	29.70 -0.06 -0.40	29.45 -0.06 0.00	31.48 -0.03 -0.20	34.80 0.03 -1.30	36.93 0.00 -1.55	38.90 0.00 -1.79	44.50 0.00 -2.38	50.42 0.14 -3.20	65.02 0.18 -4.86	71.00 0.33 -5.56	71.19 0.39 -5.76	55.55 0.21 -3.80	49.99 0.14 -3.13	42.34 0.00 -2.40	37.70 0.04 -1.83
TRIGEN___CC 323695	35.62 1.60 0.00	31.50 1.36 0.00	27.97 1.15 0.00	27.64 1.16 0.00	27.23 1.10 0.00	28.23 1.03 0.00	30.08 0.90 0.00	30.29 1.19 0.00	29.33 1.02 0.00	30.71 1.35 0.00	31.24 1.71 -0.02	33.26 1.78 -0.16	35.87 2.01 -0.39	37.98 2.09 -0.51	39.74 2.04 -0.59	44.99 1.94 -0.93	49.83 1.46 -1.29	61.96 1.80 -0.18	67.21 1.95 -0.14	66.27 1.24 0.00	52.31 0.77 0.00	47.19 0.47 0.01	41.56 1.08 -0.54	37.01 1.00 -0.17
TRINITY___115KV___4 BK 55933	34.13 0.10 0.00	30.19 0.09 0.04	26.98 0.16 0.00	26.77 0.29 0.00	26.34 0.21 0.00	27.41 0.22 0.00	29.32 0.15 0.00	29.13 0.03 0.00	28.26 -0.06 0.00	29.30 -0.06 0.00	29.45 -0.06 0.00	31.15 -0.06 0.10	33.15 -0.07 0.25	34.94 -0.11 0.34	36.58 -0.15 0.38	41.36 -0.13 0.63	45.93 -0.28 0.87	59.50 -0.36 0.12	64.76 -0.26 0.10	64.78 -0.26 0.00	51.23 -0.31 0.00	46.31 -0.42 0.00	39.33 -0.24 0.37	35.44 -0.29 0.11
UNION___PROCESSING_DRP 323587	34.13 0.10 0.00	30.62 0.15 -0.33	27.09 0.19 -0.09	26.48 0.00 -0.01	26.35 0.18 -0.04	27.50 0.19 -0.12	29.96 0.44 -0.35	29.99 0.55 -0.34	28.85 0.34 -0.20	29.98 0.41 -0.21	29.89 0.38 0.00	31.85 0.44 -0.11	34.76 0.60 -0.69	36.81 0.60 -0.82	38.84 0.78 -0.95	43.93 0.55 -1.27	49.58 0.80 -1.70	62.92 0.36 -2.58	68.26 0.20 -2.95	68.49 0.39 -3.06	53.92 0.36 -2.02	48.99 0.61 -1.66	41.47 0.32 -1.21	37.55 0.79 -0.92
UPPER HUDSON___HYD 24058	34.88 0.85 0.00	31.04 0.87 -0.03	27.56 0.75 0.00	27.35 0.87 0.00	26.97 0.84 0.00	28.01 0.82 0.00	30.05 0.87 0.00	29.91 0.81 0.00	28.85 0.54 0.00	29.71 0.35 0.00	29.74 0.23 0.00	31.44 0.25 0.12	33.40 0.24 0.30	35.05 0.07 0.40	36.91 0.26 0.46	41.95 0.59 0.76	46.88 0.85 1.05	61.45 1.62 0.14	67.34 2.34 0.12	67.45 2.41 0.00	53.24 1.70 0.00	48.13 1.40 0.00	40.61 1.12 0.44	36.53 0.82 0.14
UPPER RAQUET___HYD 24056	34.33 0.31 0.00	30.55 0.27 -0.14	27.09 0.24 -0.04	26.59 0.11 0.00	26.25 0.10 -0.02	27.41 0.16 -0.05	29.61 0.29 -0.14	29.50 0.26 -0.14	28.74 0.34 -0.08	29.68 0.23 -0.09	29.77 0.26 0.00	31.60 0.25 -0.04	33.76 0.00 -0.29	35.79 0.07 -0.34	37.55 0.04 -0.39	42.86 0.21 -0.53	48.16 0.37 -0.71	61.95 0.90 -1.07	67.38 1.04 -1.23	67.29 0.98 -1.27	53.20 0.82 -0.84	48.58 1.17 -0.69	45.83 1.08 -4.81	40.14 0.86 -3.43
VALLEY44_115KV_TB2 355964	33.68 -0.34 0.00	30.46 -0.03 -0.35	26.91 0.00 -0.10	26.22 -0.26 -0.01	26.23 0.05 -0.04	27.37 0.05 -0.12	29.89 0.35 -0.36	29.72 0.26 -0.36	28.69 0.17 -0.21	29.90 0.32 -0.22	29.77 0.27 0.00	31.73 0.31 -0.11	34.70 0.50 -0.72	36.78 0.53 -0.86	38.85 0.74 -1.00	43.66 0.21 -1.33	48.91 0.05 -1.78	61.67 -1.02 -2.71	67.10 -1.11 -3.10	67.15 -1.11 -3.21	53.09 -0.57 -2.12	47.82 -0.65 -1.74	40.65 -0.56 -1.27	37.42 0.61 -0.97
VALLEY___115KV_TB 1-4 80826	33.79 -0.24 0.00	29.90 -0.24 0.00	26.57 -0.24 0.00	26.29 -0.19 0.00	25.95 -0.18 0.00	26.98 -0.22 0.00	28.94 -0.23 0.00	28.84 -0.26 0.00	27.95 -0.37 0.00	28.94 -0.41 0.00	29.10 -0.41 0.00	30.81 -0.50 0.00	32.87 -0.60 0.00	34.60 -0.78 0.00	36.30 -0.82 0.00	41.28 -0.84 0.00	46.09 -0.99 0.00	58.96 -1.02 0.00	64.20 -0.91 0.00	64.26 -0.78 0.00	50.92 -0.62 0.00	46.21 -0.51 0.00	39.64 -0.40 -0.10	35.59 -0.32 -0.07
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.35 1.33 0.00	31.53 1.18 -0.21	27.87 0.99 -0.06	27.54 1.06 -0.01	27.18 1.02 -0.03	28.33 1.06 -0.08	30.54 1.14 -0.22	30.46 1.13 -0.22	29.35 0.91 -0.13	30.35 0.85 -0.14	30.39 0.89 0.00	32.29 0.91 -0.07	34.89 0.97 -0.45	36.94 1.03 -0.53	38.88 1.15 -0.62	44.37 1.43 -0.82	49.78 1.60 -1.10	63.75 2.10 -1.67	69.57 2.54 -1.91	69.56 2.54 -1.98	54.81 1.96 -1.31	49.44 1.64 -1.08	42.12 1.40 -0.78	37.70 1.25 -0.60
VISCHER___FERRY HYD 24020	34.98 0.95 0.00	31.05 0.84 -0.07	27.56 0.75 0.00	27.40 0.93 0.00	26.94 0.81 0.00	28.06 0.87 0.00	30.02 0.85 0.00	29.83 0.73 0.00	28.94 0.62 0.00	29.94 0.59 0.00	30.04 0.53 0.00	31.70 0.56 0.17	33.58 0.53 0.42	35.38 0.56 0.56	37.10 0.63 0.65	41.86 0.80 1.05	46.42 0.80 1.46	60.86 1.08 0.20	66.32 1.37 0.16	66.47 1.43 0.00	52.57 1.03 0.00	47.47 0.75 0.00	40.04 0.72 0.61	36.22 0.57 0.19
V_A_10_SYNC_DSASP 323832	33.68 -0.34 0.00	30.46 0.00 -0.32	27.01 0.11 -0.09	26.27 -0.21 -0.01	26.30 0.13 -0.04	27.44 0.14 -0.11	29.95 0.44 -0.33	30.04 0.61 -0.33	28.96 0.45 -0.19	30.06 0.50 -0.21	29.95 0.44 0.00	31.85 0.44 -0.10	34.77 0.64 -0.66	36.77 0.60 -0.79	38.84 0.82 -0.91	43.63 0.29 -1.22	48.76 0.05 -1.63	61.08 -1.38 -2.48	66.07 -1.89 -2.84	66.10 -1.89 -2.95	52.35 -1.13 -1.94	48.00 -0.33 -1.60	40.74 -0.36 -1.16	37.48 0.75 -0.89
V_CMM_10_SYNC_DSASP 323787	34.06 0.03 0.00	30.17 0.03 0.00	26.84 0.03 0.00	26.42 -0.05 0.00	26.08 -0.05 0.00	27.17 -0.03 0.00	29.21 0.03 0.00	29.13 0.03 0.00	28.48 0.17 0.00	29.50 0.15 0.00	29.69 0.18 0.00	31.46 0.16 0.00	33.51 0.03 0.00	35.45 0.07 0.00	37.15 0.04 0.00	42.20 0.08 0.00	47.27 0.19 0.00	60.52 0.54 0.00	65.57 0.46 0.00	65.43 0.39 0.00	51.95 0.41 0.00	47.24 0.51 0.00	39.68 0.40 0.66	35.66 0.29 0.47
V_CMP_10_SYNC_DSASP 323788	34.71 0.68 0.00	30.59 0.45 0.00	27.14 0.32 0.00	26.50 0.03 0.00	26.00 -0.13 0.00	27.03 -0.16 0.00	29.03 -0.15 0.00	29.01 -0.09 0.00	28.54 0.23 0.00	29.53 0.18 0.00	29.72 0.21 0.00	31.43 0.13 0.00	33.17 -0.30 0.00	35.06 -0.32 0.00	36.71 -0.41 0.00	41.83 -0.29 0.00	47.41 0.33 0.00	61.72 1.74 0.00	67.26 2.15 0.00	67.06 2.02 0.00	53.29 1.75 0.00	48.64 1.92 0.00	41.98 1.72 -0.33	37.65 1.58 -0.23
V_D_10_SYNC_DSASP 323841	34.23 0.21 0.00	30.32 0.18 0.00	27.00 0.19 0.00	26.53 0.05 0.00	26.18 0.05 0.00	27.30 0.11 0.00	29.38 0.21 0.00	29.30 0.21 0.00	28.63 0.31 0.00	29.62 0.26 0.00	29.83 0.33 0.00	31.62 0.31 0.00	33.57 0.10 0.00	35.56 0.18 0.00	37.26 0.15 0.00	42.33 0.21 0.00	47.46 0.37 0.00	60.82 0.84 0.00	66.03 0.91 0.00	65.82 0.78 0.00	52.26 0.72 0.00	47.57 0.84 0.00	46.94 0.72 -6.28	40.86 0.57 -4.45
V_E_10_SYNC_DSASP 323830	36.00 1.97 0.00	32.30 1.75 -0.41	28.40 1.47 -0.11	28.02 1.53 -0.01	27.72 1.54 -0.05	29.00 1.66 -0.15	31.54 1.93 -0.43	31.42 1.89 -0.43	30.01 1.44 -0.25	30.71 1.09 -0.27	30.51 1.00 0.00	32.41 0.97 -0.13	35.37 1.04 -0.86	37.47 1.06 -1.03	39.64 1.33 -1.19	45.68 1.98 -1.58	52.03 2.82 -2.12	67.65 4.44 -3.23	74.47 5.66 -3.69	74.65 5.79 -3.83	58.60 4.54 -2.52	52.54 3.74 -2.08	44.29 2.84 -1.51	39.65 2.65 -1.16

V_F_30_NSYNC___DSASP 323816	35.25 1.22 0.00	31.29 1.12 -0.03	27.78 0.96 0.00	27.56 1.09 0.00	27.15 1.02 0.00	28.25 1.06 0.00	30.26 1.08 0.00	30.12 1.02 0.00	29.11 0.79 0.00	30.03 0.68 0.00	30.07 0.56 0.00	31.77 0.59 0.13	33.75 0.60 0.32	35.55 0.60 0.43	37.40 0.78 0.50	42.36 1.05 0.81	47.23 1.27 1.12	61.74 1.92 0.15	67.46 2.47 0.13	67.57 2.53 0.00	53.39 1.85 0.00	48.27 1.54 0.00	40.78 1.32 0.47	36.77 1.07 0.14
V_F_30_SYNC_DSASP 323786	34.23 0.20 0.00	30.26 0.15 0.03	27.03 0.21 0.00	26.85 0.37 0.00	26.42 0.29 0.00	27.47 0.27 0.00	29.38 0.20 0.00	29.21 0.12 0.00	28.34 0.03 0.00	29.36 0.00 0.00	29.51 0.00 0.00	31.21 0.00 0.10	33.25 0.03 0.26	35.00 -0.04 0.35	36.68 -0.04 0.40	41.51 0.04 0.65	46.09 -0.09 0.90	59.74 -0.12 0.12	65.08 0.07 0.10	65.10 0.07 0.00	51.49 -0.05 0.00	46.49 -0.23 0.00	39.48 -0.08 0.38	35.58 -0.14 0.12
V_XM_10_SYNC_DSASP 323789	34.71 0.68 0.00	30.59 0.45 0.00	27.14 0.32 0.00	26.50 0.03 0.00	26.00 -0.13 0.00	27.03 -0.16 0.00	29.03 -0.15 0.00	29.01 -0.09 0.00	28.54 0.23 0.00	29.53 0.18 0.00	29.72 0.21 0.00	31.43 0.13 0.00	33.17 -0.30 0.00	35.06 -0.32 0.00	36.71 -0.41 0.00	41.83 -0.29 0.00	47.41 0.33 0.00	61.72 1.74 0.00	67.26 2.15 0.00	67.06 2.02 0.00	53.29 1.75 0.00	48.64 1.92 0.00	41.98 1.72 -0.33	37.65 1.58 -0.23
W.BABYLN_69_KV_BK1 56697	36.07 2.04 0.00	31.86 1.72 0.00	28.26 1.45 0.00	27.88 1.40 0.00	27.46 1.33 0.00	28.44 1.25 0.00	30.29 1.11 0.00	30.64 1.54 0.00	29.56 1.25 0.00	30.97 1.61 0.00	31.67 2.15 -0.01	33.72 2.25 -0.16	36.37 2.51 -0.38	38.61 2.72 -0.51	40.37 2.67 -0.58	45.53 2.48 -0.93	50.39 2.02 -1.29	62.74 2.58 -0.18	68.06 2.80 -0.14	66.79 1.76 0.00	52.83 1.29 0.00	47.47 0.75 0.01	42.08 1.60 -0.54	37.37 1.36 -0.17
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.62 1.60 0.00	31.47 1.33 0.00	27.99 1.18 0.00	27.72 1.24 0.00	27.31 1.18 0.00	28.36 1.17 0.00	30.26 1.08 0.00	30.20 1.11 0.00	29.42 1.10 0.00	30.68 1.32 0.00	30.96 1.45 0.00	32.98 1.53 -0.14	35.60 1.77 -0.35	37.79 1.95 -0.47	39.54 1.89 -0.54	45.02 2.02 -0.88	50.13 1.84 -1.21	62.19 2.04 -0.17	67.59 2.34 -0.14	67.25 2.21 0.00	52.93 1.39 0.00	47.89 1.17 0.00	41.77 1.32 -0.51	37.15 1.15 -0.16
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.79 1.77 0.00	31.62 1.48 0.00	28.10 1.29 0.00	27.80 1.32 0.00	27.41 1.28 0.00	28.47 1.28 0.00	30.37 1.20 0.00	30.44 1.34 0.00	29.65 1.33 0.00	30.91 1.56 0.00	31.22 1.71 0.00	33.27 1.82 -0.15	35.92 2.08 -0.37	38.11 2.23 -0.50	39.84 2.15 -0.57	45.32 2.27 -0.93	50.35 1.98 -1.29	62.26 2.10 -0.18	67.60 2.34 -0.14	67.19 2.15 0.00	52.88 1.34 0.00	48.03 1.31 0.00	41.96 1.48 -0.54	37.33 1.33 -0.17
W50THST__13_KV_LOAD 356117	35.96 1.94 0.00	31.77 1.63 0.00	28.24 1.42 0.00	27.93 1.46 0.00	27.54 1.41 0.00	28.61 1.41 0.00	30.55 1.37 0.00	30.58 1.48 0.00	29.79 1.47 0.00	31.09 1.73 0.00	31.40 1.89 0.00	33.46 2.00 -0.15	36.12 2.28 -0.37	38.32 2.44 -0.50	40.10 2.41 -0.57	45.58 2.53 -0.93	50.68 2.31 -1.29	62.62 2.46 -0.18	67.99 2.73 -0.14	67.58 2.54 0.00	53.19 1.65 0.00	48.31 1.59 0.00	42.16 1.68 -0.54	37.51 1.51 -0.17
WADING RIVER_IC_1 23522	35.39 1.36 0.00	31.26 1.12 0.00	27.70 0.88 0.00	27.32 0.85 0.00	26.94 0.81 0.00	27.87 0.68 0.00	29.67 0.50 0.00	30.00 0.90 0.00	28.97 0.65 0.00	30.32 0.97 0.00	31.02 1.50 -0.01	33.06 1.60 -0.16	35.69 1.84 -0.38	37.90 2.02 -0.51	39.55 1.85 -0.58	44.78 1.73 -0.93	49.45 1.08 -1.29	61.66 1.50 -0.18	66.56 1.30 -0.14	65.23 0.20 0.00	51.64 0.10 0.00	46.39 -0.32 0.01	41.16 0.68 -0.54	36.51 0.50 -0.17
WADING RIVER_IC_2 23547	35.39 1.36 0.00	31.26 1.12 0.00	27.70 0.88 0.00	27.32 0.85 0.00	26.94 0.81 0.00	27.87 0.68 0.00	29.67 0.50 0.00	30.00 0.90 0.00	28.97 0.65 0.00	30.32 0.97 0.00	31.02 1.50 -0.01	33.06 1.60 -0.16	35.69 1.84 -0.38	37.90 2.02 -0.51	39.55 1.85 -0.58	44.78 1.73 -0.93	49.45 1.08 -1.29	61.66 1.50 -0.18	66.56 1.30 -0.14	65.23 0.20 0.00	51.64 0.10 0.00	46.39 -0.32 0.01	41.16 0.68 -0.54	36.51 0.50 -0.17
WADING RIVER_IC_3 23601	35.39 1.36 0.00	31.26 1.12 0.00	27.70 0.88 0.00	27.32 0.85 0.00	26.94 0.81 0.00	27.87 0.68 0.00	29.67 0.50 0.00	30.00 0.90 0.00	28.97 0.65 0.00	30.32 0.97 0.00	31.02 1.50 -0.01	33.06 1.60 -0.16	35.69 1.84 -0.38	37.90 2.02 -0.51	39.55 1.85 -0.58	44.78 1.73 -0.93	49.45 1.08 -1.29	61.66 1.50 -0.18	66.56 1.30 -0.14	65.23 0.20 0.00	51.64 0.10 0.00	46.39 -0.32 0.01	41.16 0.68 -0.54	36.51 0.50 -0.17
WALDENNY_12_KV_BK2 80841	34.03 0.00 0.00	30.66 0.18 -0.34	27.18 0.27 -0.09	26.41 -0.08 -0.01	26.46 0.29 -0.04	27.61 0.30 -0.12	30.23 0.70 -0.36	30.26 0.81 -0.35	29.14 0.62 -0.20	30.28 0.70 -0.22	30.22 0.71 0.00	32.20 0.78 -0.11	35.18 1.00 -0.70	37.22 0.99 -0.84	39.39 1.30 -0.97	44.17 0.76 -1.30	49.29 0.47 -1.74	61.84 -0.78 -2.64	67.03 -1.11 -3.02	67.07 -1.11 -3.14	53.14 -0.46 -2.07	48.43 0.00 -1.70	41.18 0.00 -1.24	38.04 1.25 -0.95
WALDEN__HYDRO 24148	35.49 1.46 0.00	31.35 1.21 0.00	27.89 1.07 0.00	27.61 1.14 0.00	27.20 1.07 0.00	28.25 1.06 0.00	30.17 0.99 0.00	30.09 0.99 0.00	29.28 0.96 0.00	30.47 1.12 0.00	30.75 1.24 0.00	32.74 1.31 -0.12	35.27 1.51 -0.29	37.44 1.66 -0.39	39.20 1.63 -0.45	44.66 1.81 -0.74	49.79 1.69 -1.02	62.04 1.92 -0.14	67.44 2.21 -0.11	67.12 2.08 0.00	52.88 1.34 0.00	47.85 1.12 0.00	41.57 1.20 -0.43	36.98 1.00 -0.13
WARRENSBURG____ 23737	34.88 0.85 0.00	31.04 0.87 -0.03	27.57 0.75 0.00	27.35 0.87 0.00	26.97 0.84 0.00	28.01 0.82 0.00	30.05 0.88 0.00	29.91 0.81 0.00	28.85 0.54 0.00	29.71 0.35 0.00	29.77 0.27 0.00	31.44 0.25 0.12	33.40 0.23 0.30	35.05 0.07 0.40	36.91 0.26 0.46	41.95 0.59 0.76	46.88 0.85 1.05	61.45 1.62 0.14	67.41 2.41 0.12	67.45 2.41 0.00	53.24 1.70 0.00	48.13 1.40 0.00	40.61 1.12 0.44	36.53 0.82 0.14
WATERSIDE____6 8 9 23538	35.90 1.87 0.00	31.71 1.57 0.00	28.21 1.39 0.00	27.93 1.46 0.00	27.51 1.38 0.00	28.55 1.36 0.00	30.43 1.25 0.00	30.44 1.34 0.00	29.65 1.33 0.00	30.94 1.59 0.00	31.28 1.77 0.00	33.33 1.88 -0.15	35.99 2.14 -0.37	38.18 2.30 -0.50	39.84 2.15 -0.57	45.20 2.15 -0.93	50.16 1.79 -1.29	61.78 1.62 -0.18	67.15 1.89 -0.14	66.66 1.63 0.00	52.46 0.93 0.01	47.89 1.17 0.00	41.92 1.44 -0.54	37.44 1.43 -0.17
WATKINRD_115KV_LN8_ILLION 55919	34.16 0.14 0.00	30.26 0.12 0.00	26.90 0.08 0.00	26.61 0.13 0.00	26.23 0.10 0.00	27.30 0.11 0.00	29.26 0.09 0.00	29.19 0.09 0.00	28.37 0.06 0.00	29.39 0.03 0.00	29.54 0.03 0.00	31.34 0.03 0.00	33.51 0.03 0.00	35.42 0.04 0.00	37.19 0.07 0.00	42.24 0.13 0.00	47.22 0.14 0.00	60.16 0.18 0.00	65.44 0.33 0.00	65.36 0.33 0.00	51.75 0.21 0.00	46.87 0.14 0.00	40.16 0.12 -0.10	36.02 0.11 -0.07

WDELAWARE___HYD 323627	35.59 1.57 0.00	31.44 1.30 0.00	27.94 1.13 0.00	27.67 1.19 0.00	27.25 1.12 0.00	28.31 1.12 0.00	30.26 1.08 0.00	30.12 1.02 0.00	29.31 0.99 0.00	30.47 1.12 0.00	30.69 1.18 0.00	32.69 1.28 -0.10	35.19 1.47 -0.25	37.37 1.66 -0.33	39.12 1.63 -0.38	44.68 1.94 -0.62	49.96 2.02 -0.86	62.62 2.52 -0.12	68.07 2.86 -0.10	67.77 2.73 0.00	53.34 1.80 0.00	48.22 1.49 0.00	41.78 1.48 -0.36	37.13 1.18 -0.11
WEST BABYLON___IC 23714	36.07 2.04 0.00	31.86 1.72 0.00	28.26 1.45 0.00	27.88 1.40 0.00	27.46 1.33 0.00	28.44 1.25 0.00	30.29 1.11 0.00	30.64 1.54 0.00	29.56 1.25 0.00	30.97 1.61 0.00	31.67 2.15 -0.01	33.72 2.25 -0.16	36.37 2.51 -0.38	38.61 2.72 -0.51	40.37 2.67 -0.58	45.53 2.48 -0.93	50.39 2.02 -1.29	62.74 2.58 -0.18	68.06 2.80 -0.14	66.79 1.76 0.00	52.83 1.29 0.00	47.47 0.75 0.01	42.08 1.60 -0.54	37.37 1.36 -0.17
WEST CANADA___HYD 24049	34.09 0.07 0.00	30.20 0.06 0.00	26.87 0.05 0.00	26.56 0.08 0.00	26.18 0.05 0.00	27.25 0.05 0.00	29.24 0.06 0.00	29.13 0.03 0.00	28.31 0.00 0.00	29.36 0.00 0.00	29.51 0.00 0.00	31.31 0.00 0.00	33.47 0.00 0.00	35.38 0.00 0.00	37.11 0.00 0.00	42.16 0.04 0.00	47.13 0.05 0.00	59.98 0.00 0.00	65.18 0.07 0.00	65.10 0.07 0.00	51.59 0.05 0.00	46.73 0.00 0.00	40.08 0.04 -0.10	35.95 0.04 -0.07
WESTERN_NY_WIND 24143	34.60 0.58 0.00	30.95 0.48 -0.33	27.42 0.51 -0.09	26.70 0.21 -0.01	26.69 0.52 -0.04	27.88 0.57 -0.12	30.49 0.96 -0.35	30.58 1.13 -0.35	29.31 0.79 -0.20	30.42 0.85 -0.21	30.28 0.77 0.00	32.23 0.81 -0.11	35.24 1.07 -0.69	37.27 1.06 -0.83	39.44 1.37 -0.96	44.36 0.97 -1.27	49.87 1.08 -1.71	62.88 0.30 -2.60	68.15 0.07 -2.97	68.38 0.26 -3.08	53.98 0.41 -2.03	49.24 0.84 -1.67	41.80 0.64 -1.22	38.35 1.58 -0.93
WESTOVER___LESR 323668	34.37 0.34 0.00	30.94 0.39 -0.41	27.25 0.32 -0.11	26.75 0.26 -0.01	26.52 0.34 -0.05	27.69 0.35 -0.14	30.05 0.44 -0.43	29.96 0.44 -0.43	28.87 0.31 -0.25	29.97 0.35 -0.27	29.83 0.32 0.00	31.79 0.34 -0.13	34.80 0.47 -0.86	36.94 0.53 -1.03	38.90 0.59 -1.19	44.25 0.55 -1.58	49.77 0.56 -2.12	63.69 0.48 -3.23	69.39 0.59 -3.69	69.51 0.65 -3.82	54.58 0.52 -2.52	49.18 0.37 -2.08	41.73 0.28 -1.51	37.53 0.54 -1.15
WETHRSFD_WT_PWR 323626	33.89 -0.14 0.00	30.60 0.09 -0.37	27.05 0.13 -0.10	26.33 -0.16 -0.01	26.31 0.13 -0.05	27.49 0.16 -0.13	30.03 0.47 -0.38	30.00 0.52 -0.38	28.82 0.28 -0.22	29.86 0.26 -0.24	29.86 0.36 0.00	31.68 0.25 -0.12	34.74 0.50 -0.76	36.72 0.43 -0.91	38.76 0.59 -1.05	43.69 0.17 -1.40	48.96 0.00 -1.88	61.94 -0.90 -2.86	67.73 -0.65 -3.27	67.71 -0.71 -3.39	53.67 -0.10 -2.23	48.66 0.09 -1.84	41.28 0.00 -1.34	37.94 1.07 -1.02
WHAVSTOR_138KV_BK127 55557	35.45 1.43 0.00	31.32 1.18 0.00	27.86 1.05 0.00	27.59 1.11 0.00	27.17 1.05 0.00	28.23 1.03 0.00	30.11 0.93 0.00	30.09 0.99 0.00	29.28 0.96 0.00	30.53 1.17 0.00	30.81 1.30 0.00	32.83 1.38 -0.14	35.40 1.57 -0.35	37.58 1.73 -0.47	39.32 1.67 -0.54	44.72 1.73 -0.88	49.80 1.51 -1.22	61.71 1.56 -0.17	67.07 1.82 -0.14	66.73 1.69 0.00	52.57 1.03 0.00	47.61 0.89 0.00	41.49 1.04 -0.51	36.93 0.93 -0.16
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.45 1.43 0.00	31.32 1.18 0.00	27.86 1.05 0.00	27.59 1.11 0.00	27.17 1.05 0.00	28.23 1.03 0.00	30.11 0.93 0.00	30.09 0.99 0.00	29.28 0.96 0.00	30.53 1.17 0.00	30.81 1.30 0.00	32.83 1.38 -0.14	35.40 1.57 -0.35	37.58 1.73 -0.47	39.32 1.67 -0.54	44.72 1.73 -0.88	49.80 1.51 -1.22	61.71 1.56 -0.17	67.07 1.82 -0.14	66.73 1.69 0.00	52.57 1.03 0.00	47.61 0.89 0.00	41.49 1.04 -0.51	36.93 0.93 -0.16
WHITEHAL_115KV_TB1 80871	35.49 1.46 0.00	31.56 1.39 -0.03	28.02 1.21 0.00	27.77 1.30 0.00	27.41 1.28 0.00	28.47 1.28 0.00	30.58 1.40 0.00	30.41 1.31 0.00	29.28 0.96 0.00	30.06 0.70 0.00	30.07 0.56 0.00	31.78 0.59 0.12	33.76 0.60 0.31	35.43 0.46 0.42	37.38 0.74 0.48	42.56 1.22 0.78	47.74 1.74 1.08	62.83 3.00 0.15	69.16 4.17 0.12	69.27 4.23 0.00	54.68 3.14 0.00	49.30 2.57 0.00	41.48 2.00 0.45	37.24 1.54 0.14
WHITEPLN_13_KV_LOAD 356215	35.86 1.84 0.00	31.68 1.54 0.00	28.18 1.37 0.00	27.91 1.43 0.00	27.49 1.36 0.00	28.53 1.33 0.00	30.46 1.28 0.00	30.47 1.37 0.00	29.65 1.33 0.00	30.94 1.59 0.00	31.22 1.71 0.00	33.24 1.78 -0.15	35.92 2.08 -0.37	38.07 2.19 -0.50	39.84 2.15 -0.57	45.36 2.32 -0.93	50.58 2.21 -1.29	62.56 2.40 -0.18	68.06 2.80 -0.14	67.71 2.67 0.00	53.29 1.75 0.00	48.27 1.54 0.00	42.08 1.60 -0.54	37.41 1.40 -0.17
WM_FLOYD_69_KV_BK2 356380	35.62 1.60 0.00	31.47 1.33 0.00	27.89 1.07 0.00	27.51 1.03 0.00	27.12 0.99 0.00	28.06 0.87 0.00	29.88 0.70 0.00	30.44 1.34 0.00	29.16 0.85 0.00	30.53 1.17 0.00	31.26 1.74 -0.01	33.28 1.82 -0.16	35.96 2.11 -0.38	38.19 2.30 -0.51	39.81 2.12 -0.58	45.11 2.06 -0.93	49.83 1.46 -1.29	62.14 1.98 -0.18	67.34 2.08 -0.14	65.95 0.91 0.00	52.16 0.62 0.00	46.76 0.05 0.01	41.48 1.00 -0.54	36.80 0.79 -0.17
WOODARD___115KV_TB2 355635	33.85 -0.17 0.00	30.68 -0.12 -0.66	26.86 -0.13 -0.18	26.33 -0.16 -0.02	26.08 -0.13 -0.09	27.32 -0.11 -0.23	29.79 -0.09 -0.70	29.73 -0.06 -0.69	28.54 -0.17 -0.40	29.61 -0.18 -0.43	29.33 -0.18 0.00	31.37 -0.16 -0.21	34.75 -0.10 -1.38	36.89 -0.14 -1.65	38.87 -0.15 -1.91	44.49 -0.17 -2.54	50.40 -0.09 -3.41	64.99 -0.18 -5.19	70.91 -0.13 -5.93	71.12 -0.07 -6.15	55.49 -0.10 -4.05	49.92 -0.14 -3.34	42.25 -0.24 -2.56	37.64 -0.14 -1.94
WOODMERE_69_KV_BK1 55827	36.00 1.97 0.00	31.86 1.72 0.00	28.29 1.47 0.00	27.91 1.43 0.00	27.51 1.38 0.00	28.50 1.31 0.00	30.37 1.20 0.00	30.61 1.51 0.00	29.62 1.30 0.00	31.03 1.67 0.00	31.62 2.10 -0.01	33.69 2.22 -0.16	36.30 2.44 -0.39	38.47 2.58 -0.51	40.26 2.56 -0.58	45.62 2.57 -0.93	50.58 2.21 -1.29	62.92 2.76 -0.18	68.32 3.06 -0.14	67.25 2.21 0.00	53.09 1.55 0.00	47.89 1.17 0.01	42.08 1.60 -0.54	37.44 1.43 -0.17
YORK___WARBASSE 23770	36.17 2.14 0.00	31.92 1.78 0.00	28.42 1.61 0.00	28.12 1.64 0.00	27.70 1.57 0.00	28.74 1.55 0.00	30.58 1.40 0.00	30.58 1.48 0.00	29.73 1.42 0.00	31.06 1.70 0.00	31.43 1.92 0.00	33.55 2.10 -0.15	36.22 2.38 -0.37	38.42 2.55 -0.50	39.95 2.26 -0.57	45.03 1.98 -0.93	50.06 1.69 -1.29	61.48 1.32 -0.18	66.76 1.50 -0.14	66.34 1.30 0.00	52.20 0.67 0.01	47.71 0.98 0.00	41.72 1.24 -0.54	37.66 1.65 -0.17